ORIGINAL TRANSCRIPT

UNITED STATES DISTRICT COURT
MIDDLE DISTRICT OF LOUISIANA

UNITED STATES OF AMERICA, ET. AL, JEFFREY M. SIMONEAUX,

NO.: 3:12-CV-219

Relator

VERSUS

JUDGE SHELLY D. DICK

E.I. DU PONT DE NEMOURS AND COMPANY

MAGISTRATE JUDGE RIEDLINGER



The deposition of KERRY LONG
Taken on Wednesday, the 11th day of December, 2013
Commencing at 10:16 a.m.
at the offices of
Smith Law Firm
830 North Street
Baton Rouge, Louisiana 70802

REPORTED BY: ELICIA H. WOODWORTH, C.C.R.



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December 11, 2013

		Page 2
1	I N D E X EXAMINATION PAGE	
2	TAGE	
3	By Ms. Barney 6	
4	By Ms. Waters 184	
5	WITNESS' CERTIFICATE 210	
6	REPORTER'S CERTIFICATE 211	
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		



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			Page 3
1	EXHIBIT INDEX		
2	Exhibit 1	6	
3			
4	Exhibit 2 Copy of Witness' business card	11	
5	Exhibit 3	34	
6			
7	Exhibit 4	65	
8	Exhibit 5 Initial Incident Reports	68	
9	Exhibit 6	7-	
10	C Shift Report	/5	
11	Exhibit 7	13	
12			
13	Exhibit 8 1 Incident Investigation Report 5/24/12	.22	
14	Exhibit 9	34	
15	-		
16	Exhibit 10 1 TSCA Training Module	.42	
17	Exhibit 11 1 E-mail 3/27/12	.62	
18	P. 1.11.1.10		
19	Exhibit 12 1 Incident Investigation Report 8/5/11	.70	
20	Exhibit 13 2 Sulfur Plant Gas Calculations	808	
21			
22			
23			
24			
25			



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Page 4
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Page 5

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STIPULATION

It is stipulated and agreed by and between all parties that the deposition of Kerry Long is hereby being taken under the Louisiana Code of Civil Procedure for all purposes.

The witness has not waived the right to read and sign the deposition. The original is to be retained by Jane H. Barney, Esquire for proper filing with the Clerk of Court.

All objections, except those as to the form of the question and the responsiveness of the answer, are hereby reserved until the time of the trial of the cause.

* * * *

Elicia H. Woodworth, Certified Court Reporter in and for the State of Louisiana, officiated in administering the oath to the witness.



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Page 6

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KERRY LONG,

Having been first duly sworn, was examined and testified 2 as follows:

EXAMINATION BY MS. BARNEY:

- Morning, Mr. Long.
- Α. Morning.
- Could you state your full name and address for the record, please.
- It's Kerry Gene, G-E-N-E, Long. I'm at 18539 Loch, L-O-C-H, Bend, B-E-N-D, Avenue in Greenwell Springs, Louisiana 70739 is the ZIP code. The phone --I don't see the phone. You have my phone number.
 - Q. Okay. I guess we can put it on the record.
 - Α. Okay. 225-273-3607.
- 0. Okay. I'll show you a document that we'll mark as Exhibit 1 to your deposition.

(Whereupon Exhibit No. 1 was marked for identification.)

BY MS. BARNEY:

- That's a subpoena that we issued to you and it's addressed to, I think, a former address of yours; is that right?
- Yes. I've been there out of that address two and a half years.
 - Okay. Did the subpoena make its way to you?



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Page 7

A. Yeah. We called the -- he called me on -- I gave him my cell phone number. We were heading out to eat and he was trying to make it to what he thought was the correct address and he didn't -- he couldn't make it there and he called us and I just -- we met him at a restaurant and we were able to get it. I forgot what -- the date that he served it, but he didn't have any problems with it.

Q. Thank you for doing that in responding to the subpoena today.

The subpoena also asks for documents. I don't know if you saw that part.

- A. Yes.
- Q. Did you have any documents that were described?
- A. I don't have anything. The only documents I've seen is the ones that were forwarded to me that is in this folder right here.
 - Q. Okay. That Ms. Waters sent you once --
- A. Yes. I didn't keep any documents when I left
 DuPont and I looked for anything, any human resource
 documents or personnel documents in my -- you know, my
 leaving DuPont. I don't even have -- the only thing I
 saw was a sheet of paper that described the things that
 I was to surrender to DuPont when I left, you know, like
 a cell phone, laptop computer and my security badges and



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Page 8

all of that kind of stuff there. There was nothing -no other thing that I had in my possession. I looked
through my files since I left.

- Q. Well, thank you for looking for those.

 Have you ever given an deposition before?
- A. Let me think. Yes, I have. In New Orleans probably in the mid 90s, I gave a deposition of a case -- I was consultant in a case against Borden Chemical involving EPA.
 - Q. Who were you employed by at the time?
 - A. C-K Associates in Baton Rouge.
 - Q. That's an environmental company?
 - A. Environmental firm, yes.
- Q. Was that in the context of your employment, your work?
 - A. Yes. Yes.
 - Q. Where were --
- A. Basically, I was a trained opacity observer there and there was some allegations that Borden Chemical had some opacity problems with a Quell (sic) tower that they had on-site and I was asked to go out there and do an observation in conjunction with DEQ and EPA doing an observation and I did that. And all I did in that position is just tell them what I did, you know, and I never got -- you know, it was -- I was never called in



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Page 9

as a witness or anything on the case, so that was all I did.

- Q. So you were sort of paid by Borden as a consultant to go out there and sort of parallel what the EPA was doing?
 - A. Yes. Yes.
- Q. Were you considered an expert witness; do you know, or did they --
- A. I never asked. All I was doing was go down there and tell them what happened, but I don't know if I would consider it an expert witness or not.
- Q. All right. So that was really the only time you've given a deposition?
 - A. That's the only thing I remember.
- Q. Since it's been a while, I guess I'll just refresh a little bit over the rules.

I'm going to ask questions and you're going to give the answers and the court reporter is going to take down what we're saying.

- A. Okay.
- Q. One thing to watch for is try not to talk over each other because sometimes you know what I'm about to say and you start answering or sometimes I start questioning before you're finished answering. We end up trampling over each other, so if we can try to avoid



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Page 10

that, that would help the court reporter.

- A. Sure.
- Q. If you need a break at any point, just tell us and we can stop and take a break.
 - A. I am going to have to take my coat off.
 - Q. Okay. I'll turn this down. It's getting warm.

 (A conversation was held off the record.)

BY MS. BARNEY:

- Q. Any other rules? Let's see. Oh, if you could answer yes or no out loud rather than saying "uh-huh" or "huh-uh" --
 - A. Okay. Sure.
- Q. -- it makes it better for the record. And we'll try to remind you because it's hard to remember that when you start talking.

Are you on any medication that would make it hard for you to understand questions and give accurate answers?

- A. No.
- Q. Okay. If you don't understand a question that I ask, just ask me to rephrase it or repeat it. If you answer it, then I'll assume you understood it, so it's better to kind of get me to clarify it upfront.
 - A. All right.
 - Q. Okay. Where are you employed right now?



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Page 11

- A. Eagle Environmental Services.
- Q. And what is your position there?
- A. I'm a project manager. Senior project manager is my actual title. Here's the information on them.
 - Q. Okay. Great.

Okay. We'll go ahead and mark this business card as Exhibit 2 to your deposition. That's a helpful thing. Thanks.

(Whereupon Exhibit No. 2 was marked for identification.)

BY MS. BARNEY:

- Q. So they're here in Baton Rouge?
- A. On Petroleum Drive, yes, in South Baton Rouge.
- Q. And how long have you been employed there?
- A. Prior to DuPont, I was employed there since -from 2000 to 2007 and then from DuPont from 2007 to 2012
 and then I departed DuPont in 2012 and now I'm back with
 Eagle again. So I had two stints of employment with
 Eagle.
 - Q. So what month in 2012 did you leave DuPont?
- A. August 1st was my first day at Eagle, back with Eagle again. So the end of July, July 31st, I worked until the end of July with DuPont.
- Q. Okay. Are you in the same type position you were in -- strike that.



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Page 12

Are you now in the same type position that you were in at Eagle before you went to DuPont or is that a different position?

- A. I was a project manager before. I am the senior project manager now, so I'm responsible for other people in my group, whereas before I was just one of the other ones, so...
- Q. Okay. What does a project manager do at Eagle Environmental?
- A. Our company is kind of divided up in people with specialties in different type of environmental media. We have those that are knowledgeable in water. In my group, we're air consultants, so we specialize in doing air permitting, air compliance for mostly industry in the Louisiana area, though we've worked in other states as well. So we -- I kind of manage the flow of work as it comes in to make sure that some schedule is done within budget and those types of things as well as doing work personally, myself, for clients.
- Q. Is DuPont still one of Eagle's -- or is DuPont one of Eagle's clients?
 - A. Yes.
 - Q. And was that true while you were at DuPont?
 - A. Yes. And before DuPont as well.
 - Q. Do you do any work for DuPont now as the project



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Page 13

manager at Eagle?

- A. No. I mostly do air consulting there and we don't have any projects currently with the DuPont Burnside plant or any of the DuPont facilities.
 - Q. In your division?
- A. My division. The only work that we do now is groundwater monitoring, sampling and monitoring we do for their surface imbalance they have at the plant.
- Q. What division were you in at Eagle from, say, in 2006/2007?
- A. Doing the same work, but not as one of the managers there. I was a project manager there, but I was -- I did not have responsibility for the air group.
- Q. Okay. While you were at DuPont, did Eagle do any work on air permitting issues for DuPont; do you know?
- A. No. They did prior to that because I was the one that did it when I got hired by DuPont.
 - Q. Okay.
- A. So I prepared their air permits for them, so when I got hired with DuPont, that work was no longer needed, but I was inhouse then, so...
- Q. Okay. So you did it, say, around 2000, all of the way from 2000 to 2007 or was it later?
- A. Probably from about 2005 to 2007 is really when I did most of the DuPont work.



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Page 14

- Q. Okay. So from 2005 to 2007 while you were at Eagle --
 - A. Yes.
- Q. -- you did some of the air permitting compliance work for DuPont?
 - A. Yes.
- Q. And then when you were hired at Dupont, you did that internally and they didn't use Eagle for that?
- A. Right. The project that I was involved in prior to coming to work for DuPont was completed and not yet constructed, but it was completed. The permit was issued prior to me coming to work for DuPont, so all I did was kind of manage the environmental program with all of the permitting in place after I came to work for DuPont in 2007.
- Q. Okay. And then when you left DuPont at the end of July of 2012 and went back to Eagle, you did not continue to do the air work for DuPont once you got back to Eagle?
 - A. No.
- Q. And as far as you know, nobody at Eagle is doing that?
- A. The only thing we've done for them is annually we send a person out there that does monitoring. They have a closed vent system. He goes out there and does



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Page 15

monitoring of that closed vent system to see if there's any leaks in this closed vent system. They come off the spent sulfuric acid tanks. The closed system goes to a combustion device there and it's required by regulation to be monitored for leaks every year and they do that. It takes a couple hours. That's the only thing that Eagle is involved in that's air related now, and I don't do that. Someone else in the company does that.

- Q. And that's on the spent acid?
- A. On the spent acid tanks, there's a vent system that the vapors are collected and/or combusted. If there's an excess of vapors there, it's combusted in a -- a vapor combustion unit is what it's called and that closed system is supposed to be checked for tightness every year to make sure there's not any leaks. So we go out there in the fall of the year, usually November or December, and this person checks for leaks.
- Q. Do you know what kind of leaks? Are they gas leaks?
- A. This would be a -- they're checking for -- the only -- the instrument will only pick up volatile organic compounds, but most of the vapors are coming off of nitrogen where those tanks have a nitrogen pad on them, but they're to pick up any volatile organic compounds of EOCs that would come off there. That's



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Page 16

1 what the regulation requires is to monitor that.

- Q. So that checking wouldn't have anything to do with measuring SO3 or SO2 gas?
 - A. No.
- Q. Do you know who now is doing the work for DuPont that you used to do when you were doing it internally?
- A. It's T.J. Osbun mostly does managing those programs with the help of their -- someone named Matt Barnes to assist him. Matt Barnes is like his supervisor, the one he reports to.
- Q. Okay. Did you report to Matt Barnes when you were at DuPont?
 - A. I did. The last year.
- Q. Was there any transition when you left DuPont between you and T.J. Osbun?
- A. They hadn't decided to put T.J. in that position as of yet, so I transitioned with Matt Barnes, who then later transitioned T.J. when he was brought into that position.
- Q. Did Matt Barnes come down to the plant at any point during your transition?
- A. Yeah. He spent several days during that time period. It was about a month, I guess, that I gave my notice before I left to make sure that I had everything -- that I had as much opportunity to



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Page 17

transition with anybody that they could put in place or in this case it ended up being transitioned to Matt. They weren't able to hire anybody. In fact, T.J., who was already there at the plant, was moved into that position because, I think, of the difficulty of finding someone to do that job.

- Q. How did you hear about the difficulty in finding someone to replace you? Did you sort of stay in touch with folks?
- They were kind of relying on me to kind of fill them in on things, reports that were needed and everything. I had provided them with a good calendar, a compliance calendar that kind of gave the dates that they were supposed to do that, but a lot of them were where were files located, where were calculations located that they would use for these reports. T.J., who was kind of assuming that role and after Matt came aboard, came in and transitioned him, Matt and both T.J. asked me questions about where were things located there, so I kind of kept in touch with them. And we had recommended a person that used to work for us as a potential replacement for me and she went down there and interviewed and did not take the job. So I was kind of aware of them filling the job and who they were interviewing and all of those sort of things. But I did



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Page 18

not -- I didn't know anything until I talked to Matt some months ago that T.J. was moved into that position and assumed that responsibility that they had given up on trying to find somebody.

- Q. Okay. Who was it that you recommended that didn't take the job?
- A. I'm trying to think of her name. She works for Chevron. She took a job at Chevron instead. Gosh. I forgot her name. I don't remember.
- Q. Was it somebody who had previously worked at DuPont?
- A. No. They had worked at Eagle, and I didn't even work with -- I didn't get an opportunity to work with her when I was at Eagle, but she came highly recommended by other people that I had worked with at Eagle while I was around. So I knew that they were looking for somebody, so I talked to her and told her about the job and she was interested and I forwarded the resumé to Matt Barnes and they interviewed her. Was really interested, but she decided to take a job with Chevron.
- Q. Okay. Do you know whether or not she actually got an offer from DuPont?
- A. She did and there might have been some difficulties in coming to terms with the salary.
 - Q. Okay.



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Page 19

- A. So she decided to go somewhere else.
- Q. During your transition visits with Matt Barnes at the site, what kind of things did y'all go over?
- A. Understand -- I guess the critical things we went over was understanding deadlines for reports that had to be submitted, how are they -- when are they due, what information is used to compile those reports, those sorts of things.
 - Q. And you were explaining this to Matt?
 - A. To Matt, yes.
- Q. Were you in charge of all of the environmental reports for the DuPont Burnside site when you were there?
- A. Yes. And I also was responsible -- there was another plant, the -- in El Paso, Texas, the Borderland plant. So I helped as well with the environmental.
- Q. Okay. Can you tell me a little bit about your educational background, where you went to -- I guess start with high school, where you were.
- A. Okay. I went to Istrouma High School here in Baton Rouge. Graduated in 1969. Attended -- went to LSU starting in 1969. Went on a petroleum engineering scholarship. Got married. Started having children. Wasn't able to finish in engineering, so I completed a Bachelor of Science in general studies in 1975.



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Page 20

MS. WATERS:

I'm sorry. You got your BS in what?

THE WITNESS:

General studies.

THE WITNESS:

And went back in the mid 90s, went back to LSU, took some courses in conjunction with Louisiana DEQ and got certified as a professional environmental manager. I'm thinking that's probably mid 90s, '96, '97, somewhere along that timeframe. So most of my -- most of my -- I guess my experience is I started in environmental consulting back in 1991 with CK Associates, and most of my experience has been kind of on the job with that. I didn't know anything about environmental, but the owner of CK Associates gave me an opportunity to, and I just started learning that. Went back -- like I said, went back and got some more -- some coursework at LSU and just kind of -- it kind of stuck with me.

BY MS. BARNEY:

- Q. Okay. So you started working with C-K in 1991?
- A. Yes.
- Q. And they were a purely environmental company?
- A. Yes, that's all they do. They had an engineering group as well, but they were advertised in marketing as



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Page 21

- an environmental consulting company, yes.
- Q. And what did you do for them between -- well, let me start over.

When you went to take courses in '96 and '97, you were still employed with C-K?

- A. Uh-huh. I took them at night, you know.
- Q. So you were employed with C-K from '91 to 2000, basically?
 - A. Yes.
 - Q. Did your job change any over that nine years?
- A. I was an air consultant from the day I started with C-K through my employment with Eagle, so...
- Q. How many courses did you have to take or how many hours did you have to put in to get the certified professional environmental manager certificate?
- A. If I remember right, there was about 20 courses. I took them over about a year and a half, two years.
- Q. All right. I believe you testified a little while ago that you were getting -- after you left, you would get questions about where things were located and things like that from the folks at DuPont Burnside.
 - A. Yes.
 - Q. Or Matt, I guess Matt Barnes.
 - A. Yeah.
 - Q. He's not actually located at Burnside?



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Page 22

- A. No. He's in Ohio, but he's kind of responsible for environmental as well as health and safety for all of the plants that are part of the acid circuit for DuPont.
- Q. Do you know what level of environmental education he has?
- A. Well, he's an industrial hygienist. He has quite a bit based on experience both as a consultant and as a DuPont employee, so his -- I don't know about formal education. I can't answer to that, but I know based on experience, I've worked with him at a number of other DuPont acid plants, and he's very knowledgeable based on experience, you know.
- Q. Okay. Do you want some water? I'm going to get some water.

(A recess was taken.)

BY MS. BARNEY:

- Q. While you were employed with DuPont, were you always assigned to the Burnside plant?
- A. Other than having responsibility for the El Paso plant, but my main focus was on the Burnside plant.
- Q. All right. And was your office at the Burnside plant?
 - A. Yes.
 - Q. When you mentioned working with Matt Barnes at



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Page 23

other plants, would that have been El Paso?

- A. El Paso.
- Q. Any others?
- A. Let me think. I've probably -- well, no, not anything extensive. I might have talked to him about some r&p work for the James River Fort Hill plants, but nothing really formal.
- Q. Okay. What types of environmental reports with regard to air did you do at DuPont Burnside when you were working there?
- A. Well, because they were a Title 5 facility, they had semi-annual reports. Those were monitoring. A continuous monitoring system, they had to report on malfunctions that you had with those, so those were done every six months. So you had an annual certification that you were in compliance with your Title 5 requirements.

Let me see some of the other ones they had.

There was some quarterly reporting for new source

performance standards that had to be done because it was
a sulfuric acid plant and that's one of the standards
that they fell under. You had -- State of Louisiana
requires an emissions inventory to be submitted every
year. That was a report that you submit in March/April.
I think it's changed to April now, but it was where you



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Page 24

report your emissions over the year, previous year.

Okay. Can you think of any other reports the

- Q. Okay. Can you think of any other reports that you did with regard to air?
- A. Let's see. Air. We did greenhouse gas reporting. Let me think of some others. I'm drawing a blank right now.
 - Q. That's okay.
- A. There's a number of other things that involved other media, but not other air reports that I can think of right now.
- Q. Okay. The continuous monitoring you mentioned for the Title 5 permit, was that -- where was that monitoring conducted? What was the source that was measured?
- A. They had analyzers that were -- that sampled the stack that measured the concentration of SO2 going out the stack or continuous spaces and there were limits in the Title 5 permit what those emissions could be.
- Q. Okay. Any other monitoring that you know of at the site, air monitoring for the permit, for the Title 5 permit?
- A. Okay. For the Title 5 permit, required to do opacity monitoring on the stack.
 - Q. Opacity?
 - A. Opacity, O-P-A-C-I-T-Y. That's just mostly



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Page 25

determining where you have smoke coming out of the stack that was required. No frequency on that, but we -- as a matter of being proactive, we decided we were going to do it weekly.

- Q. That's a visual inspection?
- A. Visual observation. You had to have certified, trained observers. They have to be -- every six months they have to be recertified so they would go out there and make these observations to determine what the opacity -- what they estimate the opacity of the stack -- the emissions coming out of the stack would be.
- Q. All right. So any other monitoring that you know of for air with regard to the air permit?
 - A. No.
- Q. Okay. So the permit, the Title 5 permit, just pertained to SO2 gas; right?
- A. No. It's their air permit for the entire facility, entire plant, so everything that's emitted from the plant are ERP emissions limits.
- Q. What gases were allowed to be emitted were permitted under that permit? And if you don't remember, I guess the permit will speak for itself.
- A. Yeah. Nitrogen oxide, of course, sulfuric dioxide, that's SO2, sulfur trioxide, a little bit of that. Small amounts of EOC was in the permit. That's



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Page 26

volatile organic compounds. Let me think what else there might be. Carbon monoxide. Anytime you have combustion, you'll have CO, carbon monoxide, coming from that. Let me think if there were any other cats and dogs that were in the permit. That's all I can think of. Mostly -- mostly those. I haven't looked at it in several years, so I don't remember as much as I probably could have a couple years ago.

- Q. Okay. But do you specifically recall the permit addressing sulfuric trioxide?
- A. There might be emission sources that had sulfur trioxide limits to them. Right now, I can't recall which ones they would be.
 - Q. Okay. Would that have been out of the stack?
- A. I don't think there's a limit of sulfuric trioxide from the stack, no.
- Q. Was it the -- well, if you recall, was it an oleum tower or...
- A. Let me think. No. Oleum tower did not vent to the atmosphere. The only -- anything that would get into the atmosphere --
 - Q. From a permitted source?
 - A. Yeah, from a permitted source.

I'm trying to think where that might be, and there may not be any that I'm thinking of. I just know



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Page 27

that's one of the gasses that, you know, the facility handles, but most of that gas is observed in their observation towers. So very little of it, if any, makes it to the atmosphere. That's the valuable thing that they're making to try to make their sulfuric acid product with so...

- Q. The SO3?
- A. Yeah, SO3. That's what the purpose -- they burn sulfur or regenerate spent sulfuric acid to make SO2, which is converted to SO3, sulfur trioxide, and that's absorbed in water to make the sulfuric acid products. So they optimize how much SO3 they make and keep so they cannot waste any.
- Q. Okay. So you can't think of any planned or permitted release of SO3 at the site?
- A. There may be, but without having the permit in front of me, I cannot -- I can't give a good answer.
- Q. Okay. All right. Do you remember what the permitted sources at the plant were? Were there any other than the stack?
- A. Primarily the stack, but there was some other they had loading emissions from loading their products and, let's see, emissions from the vapor combustion unit. That was the one that took the vapors off the spent sulfuric acid tanks and combusted any excess



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Page 28

vapors there. It would be combusted and you would have some emissions from that.

Let me think of some other -- primarily the plant stack. There was only a handful of sources at the plant, so it's mostly -- most of the emissions came from the stack.

Q. Okay. If other witnesses testified -- and I'm not saying that they did, but I'm just not clear. We've taken a lot of depositions. If other witnesses testified that there was not a permit for SO3, would you dispute that?

MS. WATERS:

Object to the form.

THE WITNESS:

There's not a permit for SO3?

BY MS. BARNEY:

- Q. That the permit didn't govern SO3 releases, that it didn't give a permissible amount of SO3 releases, just SO2.
- A. It's possible that there were limits in the permit, but without looking at it, I can't answer yes or no. I'm not aware of either its emission or its inclusion in the permit, so...
- Q. Okay. And the monitor on the stack only monitored SO2; is that right? It didn't monitor SO3?



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Page 29

- A. Yes, I think they can monitor SO3.
- Q. Well, you testified earlier about a continuous monitoring of SO2 from the stack, and so I guess I'm following up.
- A. I think the analyzer can be set that you can pick up SO3 as well.
- Q. All right. Do you know whether or not they did that or whether they were just monitoring --
- A. They don't do that on a continuous basis because it's not required in the permit.
 - Q. Okay.
- A. There's analyzers up there because they have to monitor the sulfur dioxide.
- Q. Okay. And so it's your understanding that you think they can measure SO3 --
- A. I think they can, but it's not set up like that, so there might be something they can do to do that, but there's no reason for them to do that if all they're required to do is monitor what the SO2 emissions are.
- Q. Okay. I'm not sure if we covered this, but that's the only location on the stack where there's this continuous monitoring going on?
 - A. Yep.
 - Q. Okay.
 - A. You have a -- that's on the stack. They monitor



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Page 30

it before it goes to the stack, the inlet. They monitor that. So you have two analyzers that are working there.

- Q. So they monitor the inlet to the stack and then they monitor what comes out of the stack?
 - A. Yes.
 - Q. What do they measure on the inlet, the same, SO2?
- A. Yes. They're wanting -- what they're doing is to determine before it leaves the stack what type of conversion that you're getting, the inlet analyzer, comparing the difference between the two, to see that you're getting the optimized conversion of SO2 to SO3. So you have an inlet analyzer, but the stack analyzer is located on the stack.
 - Q. So the inlet monitor measures the amount of SO2?
- A. I think in that case it's probably measuring it probably can measure 2, but I don't know if it's set up to measure SO3 continuously.
 - Q. Okay.
- A. You'll probably have to ask one of the analyzer guys there that question. I'm just not as up on their -- if I did remember that, I don't remember it now.
- Q. Okay. Who would do these measurements while you were at DuPont, the analyzer guys? Who were they?
 - A. The analyzer guys would be Bo Accord and let's



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Page 31

see what was his name. Last name is Miller. First name is -- I'll think of it later on. I forgot his first name now.

- Q. Would it be Scott or Wade?
- A. Wade. Scott's the operator.
- Q. Okay.
- A. It would be Wade Miller and then we have that let me think. Metco was the company that we would call in to do certification on those analyzers every I forgot how often we did it. They were done quarterly.
- Q. Okay. And this is all with regard to the inlet to the stack or the exit out of the stack?
 - A. Yes.
- Q. You were talking a little while ago, I think, about your transition and some questions that Matt had or folks after you left and you mentioned locations for calculations, and I was wondering what types of calculations you did at your job at DuPont.
- A. Well, we had calculations that we did for our emissions inventory that was submitted annually. It was spreadsheets that were on our server there that I just had to make sure that they knew where they were located so that they could take the calculations and put that in for the next year.
 - Q. Okay. The emissions inventory, does that pertain



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Page 32

to the permitted release sources?

- A. Well, in some cases, it's permitted emissions rates, but others, it's actual rates, like from the stack, you're measuring actual rates based on those certified analyzers that you are emitting from the stack. So in some cases, it would be what, you know, the permitted rates were.
 - Q. All right. But it's measuring --
- A. But the plant stack where most of the emissions from the plant come from, it was taking actual measurements of what the concentrations out -- coming out the stack and determining an emission rate that you could do on an annual basis.
- Q. All right. What other types of calculations did you have to do other than the emissions inventory?
- A. You're talking about specifically for air or other --
 - Q. Yeah, for air.
 - A. Okay.
 - Q. Or gasses.
- A. Yeah. Well, we had to calculate on an annual basis what our greenhouse gas gas emissions were and that was based purely on what your natural gas usage were and there were factors that you had to apply to that to calculate what the emissions of greenhouse



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Page 33

gasses were. Primarily, it was carbon dioxide at the plant, but you also had some -- you would have some methane and nitrous oxide and those things like that to report in the greenhouse gas requirements, so...

- Q. The greenhouse gases would not have anything to do with SO3 or SO2; right?
 - A. Huh-uh.
- Q. Any other kinds of calculations that you would do in your job at DuPont?
- A. There may be others, but right now, I'm drawing a blank. But it's a long time since I've thought about it.
- Q. So these are sort of the routine calculations that $\boldsymbol{--}$
- A. Yeah. That's kind of routine things that are part of reporting.
- Q. All right. Let me show you, if you would, this document that Ms. Waters sent to you that's Bates labeled DSF 83 and ask you to take a look at that.

 That's sort of a calculation spreadsheet; is that right?
 - A. Uh-huh.
 - Q. And --

MS. WATERS:

Is that Exhibit 3? We'll mark it?

MS. BARNEY:



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Page 34

Sure. We'll mark that as Exhibit 3.

(Whereupon Exhibit No. 3 was marked for identification.)

BY MS. BARNEY:

- Q. I believe on the top it says, "Gas leak on the converter second pass."
 - A. Uh-huh.
- Q. Before we get into that, is it your understanding that there were leaks on the converter, the CIP and the HIP, maybe the superheater going back to maybe December 2011 until the time you left; is that your understanding?
 - A. There were mitigated leaks on the converter.
- Q. Okay. Well, and we can go into the leaks in detail.
 - A. Yeah.
- Q. If Percy Bell and other witnesses have testified that there have been leaks from that equipment kind of ongoing from December 2011 until August 2012 and further, but you were gone at that point, would you have any reason to dispute that?

MS. WATERS:

Object to form.

THE WITNESS:

Yeah. I guess, you know, it depends on



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Page 35

what you define. There was equipment that had leaks in them.

MS. BARNEY:

Okay.

THE WITNESS:

Right.

BY MS. BARNEY:

- Q. And that would include the converter and the CIP and the HIP?
- A. Actually, it wasn't the converter itself. It was like the -- in the duct or the piping to the HIP and the CIP that always -- even though this leak is saying converter second pass outlet, it's not really on the converter itself. It's on the --
 - O. The ductwork?
 - A. The ductwork going or the -- the --
- Q. The plenum?
 - A. Plenum and the flanges, for lack of a better word, around the HIP and the CIP.
 - Q. Okay.
 - A. Yes.
 - Q. All right. Yes, and I should have included ductwork and plenums in my definition because we normally do.
 - So it's the HIP, the CIP, the converter, the



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Page 36

superheater to some extent and ductwork and plenums that are attached to that equipment.

- A. Yes.
- Q. So you wouldn't dispute that there were leaks from that equipment during that time period?
 - A. Uh-huh.
 - Q. You wouldn't dispute that?
 - A. No. No.
- Q. Okay. And so when -- I think you said something about mitigation. Were you aware -- I guess you saw while you were working there that there was a black, plastic hose system that was trying to suck up the leaks from this equipment?
 - A. Yes.
 - Q. Okay. And KBR managed that or -- strike that.

KBR was in charge of putting up those hoses and adjusting the hoses and things like that to try to capture the gas leaks?

- A. Yes. They did -- actually did the labor to do that, but they were directed by, you know, either a DuPont supervisor or their own supervisor to do that.
- Q. Okay. And Lonnie Blanchard was real involved in that process; right?
 - A. Yes.
 - Q. Okay. And in terms of a DuPont person, would



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Page 37

Gene Clemons be the one that they reported to?

- A. Yes.
 - Q. Okay. Those leaks from the equipment were not a permitted source under the Title 5 permit; right?

MS. WATERS:

Object to the form. Which equipment?

THE WITNESS:

Not that I'm aware of, no.

MS. BARNEY:

And the equipment -- just to clarify for the record, the equipment was the CIP, the HIP, the converter, the superheater and the ductwork and plenums attached to them.

MS. WATERS:

Thank you.

BY MS. BARNEY:

- Q. So it's your understanding those are not sources in the permit; right?
- A. No, they're not individually emissions sources. No, they're not.
 - Q. Okay. Permitted sources?
 - A. Right.
- Q. All right. So Exhibit 3, Bates Page 83, is that sort of a spreadsheet that you can plug in variables into and then it generates some information back for gas



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Page 38

leaks, for quantifying gas leaks?

- A. Yes.
- Q. All right. Do you recall ever seeing Exhibit 3 before?
 - A. Yes.
- Q. Okay. Do you know about when it was created and who created it?
- A. Either a gentleman that's retired from DuPont,
 Dale Vanavery, back in -- prior to 2008, or Lewis Chu,
 who I understand is still working for DuPont, but he was
 assigned to the acid technology center. Most likely it
 was him, and it would have been 2008 -- maybe before
 2008. I'm not sure exactly about the timeframe, but
 that's probably when -- it would have to be because this
 configuration at the plant where you had the CIP and the
 HIP was not constructed until that 2008/2009 timeframe
 so...
- Q. Okay. And you think this calculation was done around the time of the construction of that equipment?
 - A. Yes.
 - Q. So how did you come to see this calculation?
- A. Lewis Chu was the process engineer before Dan Monholland was hired by DuPont and he spent -- particularly during the time of the startup after the construction, he spent a lot of time in the plant and I



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Page 39

think we would talk about, you know, the need to have calculations if you had leaks, how could we generate a -- you know, an estimate of what those emissions would be. And I'm fairly sure that Lewis was probably the one that did that somewhere maybe around 2009. It could be as early as 2008. I'm not sure exactly when the plant started up.

- Q. Okay. So was he or were you looking at this sort of as an example --
 - A. Yes.
 - Q. -- of how you would calculate a leak?
 - A. Yes.
- Q. But for that particular calculation, were you not or was the calculation not focused on an actual hole?
- A. No. There was not the -- these types of pinhole leaks that were involved around the HIP and CIP didn't occur till probably the 2011 timeframe.
 - Q. Okay.
 - A. So --
- Q. And I'm not sure when you mentioned pinhole leak, the Page 83 --
 - A. Yeah.
 - O. -- refers to what area of a hole?
 - A. .77 diameter.
- Q. Of an inch?



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Page 40

- A. Yeah.
- Q. And that's diameter or area of the hole?
- A. No. That's the diameter.
- Q. What's the area of the hole?
- A. The area of the hole is .00323.
- Q. Square feet?
 - A. Square feet, yeah.
- Q. And for that purpose in '83, that was just sort of a number that was plugged into the calculation?
- A. Yeah. We always -- we do conservative estimates when we plugged in numbers because most of the leaks that you would deal with would be pinhole, small leaks that didn't take very much leak, you know, to be visible. Because if there was any SO3 in the gas coming out of the hole, it would immediately mist as it hit the atmosphere, with the water vapor in the atmosphere and you can see it.
 - Q. You can see an SO3 leak?
 - A. Yes.
 - Q. And you can't see an SO2 leak; right?
 - A. No.
- Q. So here y'all were grabbing just a sample size to try to run this calculation as sort of an example?
- A. I don't know -- this may have been to a -- I'm not sure what the date -- they don't have a date on that



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Page 41

calculation.

- Q. No.
- A. It looks like it's in support of one of the other -- the incidents that there's a report. I don't see it -- well, maybe it's right in here. There was a report here along --
- Q. Well, and we have lots of incident reports and we can get into those.
 - A. Okay. All right.
- Q. But this is one that you recall being when they were starting up the new equipment; right?
- A. I don't have any knowledge whether that was that timeframe or not. I just know this is a calculation and -- that's familiar to me, but I don't know the specific circumstances around creation of this calculation.
- Q. A second ago you were saying you thought it was done when they were putting in the equipment back in '08 or '09?
- A. No. I'm saying the calculations were formatted during that time.
 - Q. Okay. All right.
- A. So, I mean, this specific calculations with the input that's in here, I don't know when that was done.
 - Q. Okay. I see.



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Page 42

- A. I know we created calculations back after the plant was started up sometime.
- Q. So you think -- I think I'm with you now. The templet or the blank --
 - A. Yes.
 - Q. -- Excel spreadsheet that could do this --
- A. Right.
 - Q. -- was created back in '08 or '09?
 - A. Yes. Most likely 2009 because I don't think we finished construction until beginning of 2009.
 - Q. All right. And you think maybe Lewis Chu was involved in coming up with that spreadsheet formula or whatever?
 - A. Yes. Either him or Dale Vanavery who was kind of his predecessor and they worked together there, so it was either one of those. Most likely Lewis.
 - Q. All right. And so then you think this spreadsheet was used at various times after that to actually calculate some leaks?
 - A. Yes.
 - Q. All right. How many times have you ever used that spreadsheet format to calculate a gas leak at DuPont?
 - A. At least two or three. Maybe more.
 - Q. Okay. What would prompt you or who would prompt



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Page 43

you to do that calculation?

- A. When we started, we would initiate an investigation. As part of the reporting process, we would go through the exercise of calculating what the emissions were.
 - Q. Okay.
- A. And then normally that was started by either like the operations manager or in most cases the plant manager would take the lead on the investigation. At that time, it was Tom Miller.
 - Q. All right.
 - A. And before him, it was Don Janezic.
- Q. Okay. So you mentioned an incident report, so I guess the first prompt for you to do a leak calculation would be that there was an initial incident report that somebody said --
- A. Or that there was an incident there and it's part of the process of doing the report that you would have some type of calculation of whether that incident, whether the emissions were enough to be a reportable quantity for one thing.
- Q. Okay. And so you would do a calculation to see if the leak was enough to be what you think is a reportable quantity?
 - A. Right. Plug in the numbers right here and that



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Page 44

would be the numbers that were used to determine whether you exceeded the reportable quantity and whether you input some numbers to the report, the incident report that was put in management central is the mechanism they used at DuPont for reporting incidents.

- Q. And that's the incident investigation report; right?
 - A. Yes.
- Q. Because there's another form called an initial incident report.
 - A. Yes.
- Q. So the one you're talking about with numbers in it is the incident investigation report?
- A. Right. The incident form, the first one you talked about, if I remember right, it was like a handwritten report that was where the basic information was gathered. The one that went in management central was available for everybody to see because it was put in the system that was available to all of the other plants.
- Q. And that's the one that Tom Miller or Don Janezic, the plant manager, would be in charge of doing?
 - A. Yes. Right.
- Q. So you have done those calculations that would have made their way into an investigation report two or



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Page 45

three times, about?

A. Probably. I don't know that I can put an exact number on it. Two or three would probably be a good guess, and other people have used this calculation. Dan Monholland would have used it. Elizabeth Cromwell, she was operations manager; she would have used that as well as myself. What we normally would do is sit down with the plant manager as we're doing the report, gather the information together, do the calculation and start putting that information in the incident report, so...

- Q. Okay.
- A. We kind of do that cooperatively. So I may have plugged the numbers in myself, you know, two or three times. They might have done it other times, you know.
- Q. Okay. If Dan Monholland testified that the only people that actually did the calculations at Burnside since June 2011 would be either him or you, would you have any reason to dispute that?
 - A. That probably would be accurate.
- Q. So I guess the prompt that we were talking about for you to do this calculation would come from the plant manager who was in charge of the investigational report?
- A. Yes, normally, because the investigation was in place and they needed to know what kind of leak we're talking about.



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Page 46

Q. Is there any other context other than this investigational report where you would have done one of these two or three calculations that you did or were they all in connection with an investigation report?

A. As far as I know, I mean, I wouldn't have done one other than if they there was not an incident other than having a format, developed a format, and maybe tweaking the format before we actually had an incident. That would have been the only time we would have ever done anything with the calculation. But, no, it would have taken -- an incident where we started the investigation, we want to know what type of leak we had, what are the emissions coming from that leak.

Q. All right. You mentioned something about tweaking the format. Did you ever make edits to the formula itself? The spreadsheet that is generating this data, did you ever edit the formula?

A. No. I mean, I didn't have the knowledge to be able to come up with this, so all I could do was plug the numbers in. If there was something that we needed wasn't coming out right, in the early days we would --someone like Lewis Chu would have done that -- those corrections.

Q. All right. So you just pretty much filled it out the way Lewis --



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Page 47

- A. Yes.
- Q. -- explained that it should be filled out?
- A. I would have just plugged the numbers in, you know, estimate the diameter of the hole, temperature, pressures, what the concentrations of SO2 and SO3 were, and it would spit out the numbers.
- Q. In those two or three calculations that you did, do you recall where you got the area of the hole to plug into the formula?
- A. Well, most of the time we were dealing with very small values of the hole, so we kind of overestimated what it would be. If it was pinhole, we may have said it was a quarter inch. You know, if it's something a little bit larger than that, we may have said -- like in this case right here, we said .77.
- Q. But my question was, when you did these two or three calculations, where did you get the information to plug in that represented the area of the hole? Who did you get it from?
- A. Well, you know, because it was covered up with a trunk line, these plastic hoses, we'd have to rely on information from the guys that actually put the trunk lines on the spots that were leaking, like, you know, Lonnie Blanchard or someone else that worked with KBR that was actually doing the work mitigating the leak.



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Page 48

So we'd have to get information from them or Gene Clemons, you know, if he had put eyes on it.

- Q. Okay. And I'm trying to get -- I realize those could be sources of the information. I'm trying to understand, in those two or three times where you did the calculation, who did you actually get the area of the hole from? Who told you that information?
- A. I don't have a clue. I mean, that's been several years ago. I would just be guessing, like I just did.
 - Q. Okay.
- A. The information would have to be from somebody that was actually there next to the leak that was working the leak. I can't tell you specifically who that was, but it most likely was someone like Lonnie Blanchard or someone else in the KBR group that told me or Gene Clemons would have told me, you know, what size the hole was.
- Q. Okay. So the information could have gotten relayed through other people to you; right?
- A. I guess. Yeah. It could have got -- I would not have been able to personally put my eyes on a leak because we didn't want to take the hose, the vacuum hose down from the spot to do that.
- Q. And as you sit here, you don't have any specific recollection of actually talking with Lonnie Blanchard



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Page 49

or one of his guys to get the area of the hole; right?

- A. I've talked to him about that before, but for any of these, I can't specifically say that I talked to Lonnie Blanchard about any of these --
 - O. Calculations?
 - A. -- calculations that you have here.
- Q. Okay.
 - A. I just don't have -- I don't recall specifically that I talked to Lonnie about that.
 - Q. Okay. Do you know how long before you left DuPont was the last time you did one of those calculations?
 - A. Probably early 2012.
- Q. Okay.
 - A. Because there was -- I remember that there was an April timeframe maybe that DEQ made a visit out there and they looked at the calculation so that would probably be the last time that I remember.
 - Q. All right. Tell me about this visit from DEQ. Are you saying that they looked at a calculation like the one on Page 83?
 - A. Uh-huh.
 - Q. And it's your testimony that you, personally, showed them that calculation?
 - A. Yes. That calculation and the incident report



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Page 50

that we made for that. It was in response to -- they came out somewhere around March, April, I think, came out at nighttime and told them at nighttime, told the operators at the nighttime they were going to come back during the day. I assumed that they were going to come back the next day, but they didn't. It was several days later during the daytime and they sat down with me and said this was what they were responding to a complaint that somebody had. I didn't get into any details of that, that they wanted to look at that. So I think they came out and looked at the cameras in the control room, gathered what information they could from the operators, but it came back within the next couple of days and we had already done the incident report with the calculations. So I gave that to her and she looked it over and seemed to be satisfied.

- Q. All right. So between the time that the DEQ came out on that evening and when they came back, a calculation was run like the one Bates labeled 83?
- A. Yeah. Like, again, I'm trying to recollect memories of specific things back there that I don't know, but I would say yes.
- Q. Okay. Do you remember who you met with at DEQ in April 2012?
 - A. There was two, but one of them I do remember.



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Page 51

I've spoken to her since then, since I've been back with Eagle, Regina Faye Taylor. She was like a lead inspector. She's got a different position now, but she was the lead inspector, and there was a gentleman that came with her. I don't remember his name.

Q. All right. Did you talk with them about anything other than the complaint and the calculation that you did, the calculation that was done since the complaint about this April time period?

In other words, did you talk with her about any other gas leaks than the one that was mentioned by the person who called and complained?

A. I don't recall. She may have asked about is there any other incidents there. I might have shown them other reports that we had in our management central system with the support calculations to go with them. I'm not positive. I just know that I did address that specific incident that she was talking about on the night that she came out. And at some point, I don't know whether during that visit or at another visit, she asked about there was a complaint about opacity, that the stack was smoking. And she asked about that and I showed her our weekly reading that we had. She looked at the stack, I think, through the cameras and — but I'm not sure if it was during that visit or maybe a



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Page 52

follow-up visit later on.

- Q. Okay. When she asked you about whether there were other incidents, did you talk about anything other than -- or would you have talked about anything other than incident reports that you actually had an incident report for?
- A. I don't know of any reason to talk about anything other than what we had records of, you know.
- Q. Okay. So it would be an incident report that would have led you in your discussions if they went beyond this particular event?
 - A. Yes.
- Q. Okay. And would it have been the incident investigational reports?
- A. It would have been every record we had of any incident, including this incident form that was handwritten or the more formal management central investigation report. It would be all that we have.
 - Q. What would be all that you have?
- A. We would include everything that we had on any incidents if she asked for that.
 - Q. Okay.
- A. I'm not -- I'm not certain whether she asked for anything other than that specific timeframe that she came out at night and then came back during the daytime



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Page 53

a few days later. She may have just asked for that but -- because we had a couple visits. You know, she came back with a follow-up visit, I think, at some point and asked -- at some point, she asked about the opacity as well. So she may have asked -- at that timeframe asked if there was any other incident reports that we would have showed her.

- Q. Other ones for opacity or other ones for these leaks?
 - A. Either one.
 - Q. And you --
- A. Because the complaints were kind of going back and forth between supposedly opacity violations and leaks, we would have, you know -- we would have probably shown her either one.
- Q. There was -- well, we can get to that later, but there was one e-mail that talked about those things together, if you recall that, from Jeff Simoneaux.
 - A. Okay.
 - Q. Do you recall an e-mail like that?
 - A. No, I don't know that I do.
- Q. Okay. But they're different issues; the opacity is different from the gas leaks?
 - A. Right.
 - Q. And I guess if you gathered anything for Regina



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Page 54

Faye Taylor, would she have copied it on-site and left with it or would you have sent it by letter or would you have gathered it for her to see while she was there or how would that work?

- A. She looked at it while she was there. Most likely she would have copied it and brought it with her. I'm not positive. I don't recall.
- Q. All right. And so I guess what I'm trying to understand is that it seemed like the process would have been a lot longer if she asked for more reports other than the one that prompted her visit, other than the incident that prompted her visit. It would have been a longer meeting and you would have had to go gather paper from a lot of different places; right?
- A. I don't have -- that happened, you know, quite a bit ago. I don't recall one way or another whether it was a long meeting or a short meeting, whether I had to gather a lot of information. I was just aware of a specific incident she came out for. Whether she asked for more information other than that one event there, I don't remember during that visit, you know.
- Q. Okay. Is there any other visit where you recall her asking for more than -- asking about more than just that one incident?
 - A. It may have been with the visit when she asked



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Page 55

about the opacity because that was in response to a complaint as well.

- Q. Okay.
- A. She may have asked for information other than just opacity during that meeting, but I cannot be certain.
- Q. All right. When you've talked with her since you've been back at Eagle, have you talked about DuPont at all?
- A. No. I just -- I just have either run into her or seen her name because she's now in a role as in the permit section there that does not even deal with inspection anymore. She's like a permit supervisor.
- Q. Okay. Would you keep or would you keep at DuPont a special folder or document in any way what DEQ looked at when they came out?
- A. They always left us with a copy of the -- like the interview form. Pink or yellow copy, I can't remember which one. They gave us a copy of that of what they actually wrote down, so it would have been in the files, yes.

MS. BARNEY:

Okay. I don't know that we have one for that time period, 2012; do you recall?

MS. WATERS:



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Page 56

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Let me see.

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THE WITNESS:

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That would have been the normal thing done, but I cannot recall whether she actually did that for that visit or not. At some point, if she was called out there, she would have had -- either that night that she came out or that day when she followed up, she would have had to have done some paperwork because --

MS. WATERS:

Yeah. We have September this year and then November of this year. That's what we have.

MS. BARNEY:

I guess let's add that to the list, if

MS. WATERS:

We'll see what we can do.

BY MS. BARNEY:

we could.

- Q. Do you recall when Ms. Taylor came back during the daytime when you met with her, was there anybody else in the meeting with you?
- Α. Yeah. It was a gentleman, but I can't remember who it was.
 - Q. Oh, I'm sorry. Anybody else from DuPont?
 - Α. Oh, with DuPont? No. I think it was me.
 - Okay. And you don't recall -- I'm assuming Q.



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Page 57

because we already covered this pretty much -- where you got the area of the hole to plug into the calculation that you discussed with the DEQ representative in April 2012; right?

- A. It would have to have been someone that actually had eyes on it, one of the KBR guys or Gene Clemons or maybe the KBR supervisor, somebody that actually had eyes on it because by that time, it was covered up with the vacuum hose.
 - Q. By the time --
- A. The time that I would have got in in the morning and started the investigation process or the investigation process was started that next day and then we plugged in the information on the calculation.
- Q. But you don't recall specifically talking to any particular person in gathering the area of the hole for that report?

MS. WATERS:

Asked and answered.

THE WITNESS:

Yeah. I don't have a specific name.

Just most likely the person would have been like Lonnie Blanchard or somebody like that, or Gene Clemons.

BY MS. BARNEY:

Q. Do you have any idea whether in April 2012 there



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Page 58

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was only one hole or crack in this equipment, the CIP, the HIP, the converter, superheater?

- I don't recall. Α.
- Okay. Do you think, when you say you've done two or three calculations, that those were done on different days, different time periods?
- I would say they're most likely done at Yes. different times.
- Q. Okay. We talked a little bit -- well, we haven't gone through them yet, but documents that you reviewed before your deposition. Did you do anything else in leading up to your deposition, meet with anybody, have any conversations or anything like that?
- No. I've talked to T.J., told him that I was subpoenaed, asked him to -- if he could send me a sample of a calculation. He sent me like one calculation. may have been this one or one of the other ones. then I talked to Ms. Waters. She agreed to send me everything that you have here in the folder, and I looked over that.
- Okay. What all did you and Mr. T.J. Osbun talk Q. about?
- It was just kind of I guess mostly just caught with up with him. But I told him I had -- caught up with what was going on in each other's lives. I hadn't



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Page 59

talked to him in several months. I just told him that I had been subpoenaed and I said I have not laid eyes on anything concerning documents about leaks or anything like that in several years and that I needed to see one of those to kind of refresh my memory of what we're talking about. So he sent me an example.

- Q. Okay.
- A. That was basically all the conversation that particular day.
- Q. Okay. And how many different times did you talk to him?
- A. I talked to him probably, you know, maybe once a month or something like that since I've left because there would be some opportunity for some work that maybe we were doing out there that I need to coordinate, make sure we could schedule our guys to go out there and do the groundwater monitoring that I mentioned about. So it's mostly him asking maybe where you could find this report or that report, what did we do for this or what did we do for that, you know. Nothing related to this, other than the time I spoke to him several weeks ago about this, asking him to give me this calculation and telling him that I had been subpoenaed.
 - Q. Did he tell you what the case was about?
 - A. He told me that it was Jeffrey Simoneaux.



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Page 60

- Q. What did he tell you what the case was about, if anything?
- A. He -- I don't even know if he mentioned it because I kind of knew back when I was there that Jeffrey was going to do this, was going to have some kind of case against DuPont. And I've -- you know, I just thought since I am not there anymore that I had no involvement anymore. It I guess kind of surprised me several weeks ago when you contacted me about this because I haven't really thought about it a lot since then.
 - Q. Okay.
- A. So we didn't really have to talk about the case because, you know, we both knew that there was a possibility that -- you know, that he was going to, you know, be suing DuPont, but we didn't -- you know, I didn't know what my involvement would be.
- Q. Okay. Was there a certain place at DuPont where these calculations documents would be kept?
 - A. On the server.
 - Q. Okay.
- A. But I'm not sure where that is now. I can't remember where we put them there, but they would have been -- we had a folder in the server under environmental that would have contained these and they



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Page 61

would be, you know -- there would probably one in there that would be examples and there might be some in there that were for specific incidents, so all of them would be in the same place.

- Q. Okay. Do you ever remember having the calculation sheet actually attached to an investigational report?
- A. I thought they were, but I'm looking at these reports here. I don't see a place for an attachment, but that's what we used to do is put them on the --
 - Q. Okay. And you're looking at --
 - A. As an attachment.
- Q. -- documents that you reviewed prior to your deposition. I'm just saying that for the record.
 - A. Yes. Yes.
 - Q. Okay.
- A. I don't see -- on this particular one, I do not see a place for an attachment, but I believe there is a way to attach a calculation for that, but I don't see it in this printout of this report.
- Q. Okay. So you're looking, just for the record, at pages DSF 5 through 9; is that right?
 - A. Yes.
- Q. Okay. And the date of that investigational report is?



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Page 62

- A. March 18th.
 - 0. 2012?
 - A. 2012, yes.
 - Q. Okay.
- A. Normally, that would have been the procedure or the normal would be to attach a calculation with the report to support the numbers that you've put in the report.
- Q. And you remember doing that -- did you do that or would that have been done by the person preparing the investigational report?
- A. It would have been done by the person preparing the report.
- Q. Okay. But you think in your time period at DuPont you saw an investigational report that had one of these calculations attached to it?
- A. Best of my recollection, I thought that every one that we did a report on, that we would have a calculation --
 - Q. Okay.
- A. -- attached to it. That would have been the easiest way to everyone to view that.
 - Q. To keep it together?
 - A. To keep it all together.
 - Q. Because the Excel spreadsheet for calculations



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Page 63

doesn't have a date on it; right?

- A. Right.
- Q. And it doesn't have an author or anything like that?
 - A. Right.
- Q. How would you get the calculation to the plant manager who was doing the investigational report?
- A. Most likely e-mailed it to him where I attached it to an e-mail or I could have told him where it's located on the server and get him to attach it there, but most likely it was an e-mail that I would have sent to him.
- Q. Okay. After you would e-mail the calculation or tell the plant manager where to get it, would you ever go back and delete the calculation off the computer?
- A. No. I wouldn't have any reason after I sent it to him because the rest of the report was in his hands. We would all review the report after he's completed it to see if, you know, it was accurate and we agreed with it and all that, but he would be the final -- the plant manager would be the final approval for that report.
- Q. If you reviewed the report, the investigational report, would your name be reflected in the edit path of the report or the review path of the report?
 - A. I think it would. I don't know. It may require



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Page 64

for you to have made a change or an edit to it for it to show up.

- Q. Okay.
- A. But we were all -- operations manager, environmental manager, Gene Clemons, the maintenance manager, all of us would have looked at it. I'm not sure whether our names -- I'm not sure exactly how the report works, whether just because you've looked at it does your name appear on the bottom. I don't think. I think you would have to make an edit or change on it.
- Q. Okay. Do you recall any specific meetings about an investigational report while you were at DuPont?
 - A. Meetings about an investigational report?
- Q. These conversations you were talking about where we would all get together and look at it, do you actually recall one of those times?
- A. There were times, but I don't know specific times or specific incidents where they were done, but that's normally how we would do it.
- Q. So as you sit here, you can't think of any conversations that you were involved in regarding an investigation report at DuPont?
- A. I know that they were -- we had some, but I can't give you specific times --
 - Q. Or what was said I guess --



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Page 65

A. -- or details.

No.

Q. All right. This investigation report that you looked at before your deposition, the one Bates labeled 5 through 9, I guess we'll go ahead and mark that as Exhibit 4.

MS. WATERS:

Four.

(Whereupon Exhibit No. 4 was marked for identification.)

BY MS. BARNEY:

- Q. I think on Page 9 your name is listed in the trail of people that had I guess an edit or a review or something of that report; do you see that?
- A. Yes.
 - Q. Do you recall this particular report and any edits you may have made to it?
 - A. No, I don't.
 - Q. Do you think you've ever seen that report before?
 - A. Oh, yeah, but I don't recall the details of it.
 - Q. Okay. Have you ever completed what's called an initial incident report?
 - A. No. Though were --
 - Q. A form that looks like this (indicating).
 - A. Those were created -- I think were created for



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Page 66

the control room. Put those in the control room for any incidents, that the operators could fill out those forms and those took the basic information.

- Q. Okay.
- A. I would not -- I may have done that on them, but I know we have gone -- we have done them both ways where that wasn't in place probably until Tom Miller came on board and I forgot what year he came. So he initiated that process, that form, and then we started using those, so it's possible I could have used some. I don't recall whether I did. And we probably got incidents where we had an incident and we didn't have a form for it, so...
- Q. If you had an investigational report for some incident, would you always have an initial incident report to go with it, as far as you know?
- A. That was what the plant manager wanted to have. When he started -- he initiated that system for doing that, that's what he wanted to do. To say that they did that every time, I could only guess. I would think that probably certainly before he initiated that, they didn't have that.
 - Q. Okay.
- A. But after he initiated having that form filled out, he wanted one done for every one there. So it was



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Page 67

a good possibility that I did fill out one of those before, but immediately used that information to do a report in management central.

- Q. Okay. And so I guess what you're saying is before Tom Miller started directing everybody to use the initial incident report, there may have been an investigational report that didn't have a corresponding initial incident report.
 - A. Right.
 - Q. Is that what you're saying?
- A. It would have gone right into MITC without having that information, so you would have to gather data, gather information, you know, by e-mail or paper or whatever like that other means. You didn't have a formal formatted form for that.
- Q. Okay. And the initial incident report did not go on the management central system; right?
- A. No, not that I'm aware of. It doesn't mean that they couldn't have attached it to that if they wanted to, but normally that was just for starting the investigation to get it going and then gathering the information that went into the more formal incident report that we put where everybody could see it.
- Q. Do you ever remember an investigational report process where you actually sat down with the operators



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Page 68

involved who had made the initial incident report?

A. I can't give you specific, you know, what dates or details would have been, but, yes, I would have some incidents I had to talk to the operators about that,

But I don't recall a specific date and time or details about the incident.

(Whereupon Exhibit No. 5 was marked for identification.)

BY MS. BARNEY:

Q. I guess we'll just attach it. I'll show you Exhibit 5 since we were talking a little bit about initial incident reports, and these documents -- let's see. The Bates labels are consecutive. It starts 68 and goes through 82, but they're in date order. So Bates number page 80 is out of order, but that's the range that's covered by Exhibit 5, and I'll ask you to take a look at these.

Is this the initial incident report form that you were talking about that Mr. Miller sort of encouraged?

- A. Yes.
- Q. Okay. If you look down on -- it says environmental deviation. I think it's the third block from the bottom on the form.
 - A. All right.



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Page 69

- Q. You see that spot?
- A. Yes.
- Q. Okay. Did you have to be involved in the answer that got put in that block on every initial incident report?
 - A. Yes.
- Q. All right. So if the operator prepared one of these and no investigational report was ever prepared, you were still involved in figuring out what to put in that spot?
 - A. Yes.
- Q. Okay. Is that true for the whole time you were at DuPont when these forms were being used, or did that start at some point?
- A. We probably did not have a formal way to document that like we did on this form right here until this was initiated, but that question had to be answered whether it was an environmental deviation or not. It was done either verbally, or, in this case, with these reports, it was done, you know, a written report.
- Q. Okay. So every time there was an initial incident report, the document itself would make it to you or would somebody just talk to you or what? In order to get the answer to that --
 - A. Combination of both. Probably the question was



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Page 70

asked to me, for instance, Elizabeth Cromwell was filling out this report, she would ask me that question, was it an environmental deviation. And I would either respond or she'd send me a copy of the report and I'd complete that part of it or, you know, it's probably both ways.

- Q. And how would you know what to put right in there, none, no, N/A; how would you know what to put there?
- A. Well, it depends on what the circumstance was, whether there was a violation of our permit, if we were violating a regulation, so it's based on my experiences as environmental manager.
- Q. Okay. Would you look at this from the Title 5 aspect whether you were violating the permit Title 5 or anything?
- A. No. Anything. I mean, we were looking at whether you were exceeding the Title 5 requirement, whether you were -- you had a release, whether there was a potential reportable quantity that you may have exceeded; were there, you know, any further reporting that had to be done. It would look at all of the aspects, you know.
- Q. Okay. And so it's your testimony that you did that for every one of these initial reports that we've



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Page 71

1 attached as Exhibit 5?

- A. To the best of my recollection, I would say yes. The only exception I would say is there's one that's handwritten that there's just a question mark there, so it doesn't appear that that was ever -- that question was ever answered on this, on 71.
 - O. Okay. Page 71, and it's dated 5/14/2012?
 - A. Yes.
- Q. Is there a difference between when the form says "no" versus when it says "N/A," or maybe none of these say "N/A"?
- A. I see "no" and "none". Yeah, I see "none" and then "no". I didn't see an "N/A".
- Q. Okay. If you look on Page 81, which is dated August 31, 2012, by that time, you're no longer employed at DuPont; right, August 31, 2012?
 - A. No, I'm not.
- Q. And that environmental deviation is left blank; right?
 - A. Yes.
- Q. Do you ever recall putting a "yes" in the environmental deviation block of an initial incident report?
 - A. Yes, but it would not have been air related.
 - Q. Okay. All right. And you obviously didn't do



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Page 72

calculations for every one of those incident reports; right?

- A. No.
- Q. The calculations we were talking about earlier.
- A. I'm almost positive, no, I wouldn't have done it for every one of these.
- Q. And you weren't necessarily at DuPont at night whenever these reports were done at night; right?

MS. WATERS:

Object to form. That's assuming there are any.

MS. BARNEY:

Well, let me just start over.

BY MS. BARNEY:

- Q. How often were you at DuPont at night from, say, December 2011 until July 2012?
 - A. It was rare that I was at night.
- Q. All right. So you would -- to the extent these reports are at night, you would not have been physically present at the time of the incident, as far as you know?
 - A. Most likely not.
- Q. There's one, I think Page 79, that says it's at 10:10 a.m.; do you have any specific recollection about that incident?
 - A. No.



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Page 73

- Q. Okay. That was about a week before you left, I think; right?
 - A. Yes.
- Q. If you weren't physically there during the incident and you didn't do any calculations, what information would you rely on in putting a "no" on environmental deviation or a "none" on these forms?
- A. Talking with the persons who had actually witnessed the leak, talking to the operator or their supervisor.
- Q. So you may have talked to, like, Elizabeth Cromwell?
- 13 A. Yes.
 - Q. Do you ever recall speaking with Leo Scott about a gas leak?
 - A. I may have, but I don't remember. I don't know.
 - Q. Okay. What about Jeff Simoneaux; do you ever recall speaking with Mr. Simoneaux about a gas leak?
 - A. I probably did, but I can't recall specifically what the details would have been.
 - Q. What about Terrence Johnson; do you ever remember speaking with Terrence Johnson about a gas leak?
 - A. I don't have specific recollection of talking to him.
 - Q. Okay. What about Allen Williams; can you recall



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Page 74

speaking with Allen Williams about a gas leak?

- A. I can't remember any specific details of...
- Q. What about Kent Templet; do you ever recall talking to Kent Templet about a gas leak?
- A. I may have, but, again, I don't have any specific time, date.

MS. BARNEY:

Would y'all like to take a little lunch

break?

(A recess was taken.)

BY MS. BARNEY:

Q. All right. Mr. Long, we're back on the record.

Let me show you a document that we'll mark as Exhibit -it's actually a group of documents all around the

March 18, 2012 time period. I'll say for the record the
exhibit labels at the bottom of the documents that are
in Exhibit 6 refer to exhibits to the complaint in this
case, although they're also, I think, documents that are
Bates labeled.

MS. WATERS:

Sixty-six.

MS. BARNEY:

Sixty-six and 67.

MS. WATERS:

You have several attached to here that



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Page 75

are the same, so there are 66 that are attached to there.

MS. BARNEY:

Okay. For the record, Exhibit 6 has at the bottom an Exhibit G label, which is Exhibit G to the original complaint in this case, and then Exhibit H, which is the same, an exhibit to the complaint, and then the third page is Bates number DSF 66. Next page is Exhibit I to the complaint. The next page is DSF -- actually, scratch that. That's the last page of the exhibit. You're right. I have a couple of these, so it's a four-page exhibit.

(Whereupon Exhibit No. 6 was marked for identification.)

BY MS. BARNEY:

- Q. Do you recall ever seeing any of the pages that are in Exhibit 6 before?
- A. Let's see. This first page was the -- looks like a shift log. I don't recall that one. I think I do recall seeing the incident report.
 - Q. The handwritten version?
- A. Handwritten, Exhibit H, and then the typed up one, Exhibit I.
 - Q. Okay.
 - A. And the -- you're saying the other ones like the



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Page 76

other two pages that are attached but not marked as exhibits are copies of that.

Q. Oh, let me see if that's...

MS. BARNEY:

Let's go off for one second.

(A conversation was held off the record.)

BY MS. BARNEY:

Q. We're going to add to Exhibit 6 Bates Page Number 67 as the last page which is just another copy of the document that has Exhibit I at the bottom. It's just the one that has the Bates number so we're just doing that for clarity purposes.

Okay. Mr. Long, so you thought maybe you haven't seen the document that has Exhibit G at the bottom, but you may have seen the one that has Exhibit H?

- A. I'm almost positive I've seen H and I.
- Q. All right. And what makes you remember seeing those?
- A. Just in the form -- a lot of times I -- well, I never didn't get -- the only reason I would get the shift log was because Elizabeth Cromwell or maybe one of the other operators would forward that to me. I didn't have the access to the shift logs.
 - Q. Okay.
 - A. It would have -- somebody would have had to print



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Page 77

it out and give me a copy of it for me to see it, and I don't remember in this particular case whether I saw that or not.

Q. In the shift log that you're referring to, which is the first page of Exhibit 6, Exhibit G of the complaint, it says — this is, I guess, Mr. Simoneaux writing. It says, "Got in touch with Kerry Long who advised the contact, Mark, to get some guys to come look at the leak as long as we have some doubt as to whether it was going off-site."

Do you recall a conversation like that with Mr. Simoneaux around March of 2012?

- A. Yeah, seems like I do. I don't see what the time of this one was. I assume this was at night, 8:19 at night. Yeah, I recall a conversation with him along that timeframe, but I don't recall the details, what was said.
- Q. Okay. So you remember getting a call from him at home?
 - A. Yes. Yeah.
- Q. Okay. How many times do you recall ever getting a call from an operator at home about a gas leak?
- A. I think that was the only time. Normally, they would have gone through their supervisor, who would have called me. Elizabeth Cromwell would have called me, and



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Page 78

I think I remember him saying something about he didn't feel comfortable about telling the plant manager about it or he had already spoken -- I don't know the circumstances, whether Elizabeth was not available to call her first or he didn't feel like he should call the plant manager, but he called me. I don't remember all of the details about that, but he felt like he needed to call me rather than go through Elizabeth or go through the plant manager, then they would have contacted me.

- Q. Yeah. And right here it says that he tried to call Elizabeth and got --
 - A. She didn't --
 - Q. -- got no answer.
 - A. Yeah.
- Q. And so that might be consistent with what you remember?
- A. Yeah, that's about the only thing I remember. I thought it was kind of maybe unusual because normally he would have contacted her and she would have contacted me, you know, about that, but he certainly -- any of them could have certainly contacted me directly. There wouldn't have been a problem with it. But he just seemed to -- I seem to remember him saying something about him not being able to contact Elizabeth when I asked whether she knew anything about it and whether



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Page 79

anybody in maintenance knew anything about it so they could go ahead and begin mitigating the leak, you know.

Q. Okay. And he may have mentioned at that point that he was worried about the plant manager's reaction?

MS. WATERS:

Object to form.

THE WITNESS:

I think he made some comment about it.

I don't know specific of what he said, but I think he was concerned about him being able to talk to him about it.

BY MS. BARNEY:

- Q. Okay.
- A. I don't know what that was in reference to.
- Q. So you don't have any more or are you familiar at all with a conversation between Mr. Simoneaux and the plant manager one evening about Mr. Miller telling Jeff Simoneaux not to put things in writing about leaks and that sort of thing that...
 - A. No.
 - Q. That doesn't ring any bells for you?
- A. I was not -- if that conversation occurred, I was not privileged to that.
- Q. And you didn't hear about it sort of through the grapevine or anything?



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Page 80

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Α. Not that I recall.

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Q. So when do you think you saw the document that's got Exhibit H at the bottom?

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I would have seen that probably the next day. This happened on the 18th, the night of the 18th. I would have seen that probably in the morning of the

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19th.

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You remember seeing it or are you just thinking that you probably did?

I don't remember specifically that I saw that. I'm just thinking that that's most likely when I would have seen it because that was not -- I mean, this would have been the day afterward that Jeff would have written this up. No, I don't have specific recollection that this document was my -- was in my hands on the 19th. I'm just --

- 0. Uh-huh.
- I'm just guessing that that's probably when I saw Α. it first.
- Do you recall what you did once you saw this handwritten document?
- Well, the first thing I would have done that morning when I first got out to the plant, which would have been fairly early, would have been to go ahead and look at the area that they were talking about to see if,



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Page 81

in fact, the leak had been controlled.

- Q. Because you had been called at home the next --
- A. Yeah. I was called the previous night, so I would have looked at it the next morning. I don't know what day of the week this was, the 19th.
- Q. And so do you have any recollection of actually going out to leaking equipment and looking at it after getting that call from Mr. Simoneaux?
 - A. I would have done...
 - Q. You think you did?
 - A. Yes. I would have done that --
 - Q. But do you have any --
- A. I don't know any specific details about that time.
- Q. Okay. That was just your practice is to go out and check if you hear about a problem?
 - A. Yes.
 - Q. Okay. Do you --
- A. And it would have been my practice to even, when we didn't have a problem, to go look at that equipment to see if there's any problems because we had several of those vacuum hoses on there. I wanted to make sure they were taking care of the leaks that were on there, so...
- Q. Was that your job at DuPont was to go around and make sure that the hoses, the black plastic hoses were



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Page 82

not melting down or having problems?

A. No. That's more of the operations or maintenance-type activities, but I, as a matter of practice, would just do that to make sure that that was not -- somebody had missed something or something just happened that nobody had caught yet.

- Q. Okay. And how often would you do that?
- A. Daily.
- Q. What time of day --
- A. Maybe several times a day.

I usually made a -- you know, after daylight, I would make a round early in the morning, probably after our morning meeting, somewhere around 7, 7:30, and then I would make, you know, at least one other round in the afternoon where I went through the whole plant and looked at, you know, whatever caught my eye, you know.

- Q. Okay. Do you know how to identify SO3 gas during the day in the air?
- A. I've seen it before. Only based on past experience about how it reacts when it hits the moisture in the air.
 - Q. Okay.
 - A. It makes kind of a dense vapor.
 - Q. All right. Where have you seen that vapor?
 - A. Well, a number of places. I've seen it, you



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Page 83

know, at the plant before when that SO3 -- if you have a leak like that, I've seen it before, but also there was the -- every couple of years, they would take -- people go out to the desert and practice releases where they would dump, you know, SO3 or Oleum and watch it react with the atmosphere and then they would mitigate the -- it was a spill that they would actually do out in the desert and learn how to -- how do you mitigate those spills. I've seen it out in the dry climate before, which didn't react quite as much as it would in a wet climate like Louisiana, so, you know, I've seen it where they dump huge quantities of it.

- Q. Okay. And when they did that in the desert, did they figure out how far the gas traveled from the small spill?
- A. Well, yeah. They had to make sure that they were doing -- releasing it where everybody was upwind of it, and this was a real remote area. This was a test site in Nevada, so there was not any public around there for probably dozens of miles.
- Q. And didn't they document that it traveled like eight miles or something, the gas, the SO3 gas?
- A. No. I don't know that they've ever documented that it traveled that far. I know you couldn't -- it would get hundreds of feet downwind like that, you



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Page 84

couldn't see it anymore because it had dissipated. It had accumulated all of the moisture that it was going to get and then it would drop to the ground by then, you know. Certainly, I mean, they were talking about they would dump hundreds of pounds of this and it would go, you know, probably three or 400 feet before it would actually disappear and you couldn't see it anymore.

- Q. All right. You said you went out after seeing this handwritten incident report the next day. What did you find? Do you have any specific recollection of doing that, actually going out to the plant after being called at home by Jeff Simoneaux? Do you remember actually being at the plant that next day?
- A. To the best of my recollection, I was there, and I don't have specific details about what I did, what I looked at, what I might have observed there regarding this incident, but that would have been my practice to go out there and actually put my eyes on it to see it in the daylight.
- Q. Did you do any report or anything after doing that if you, in fact, did that?
 - A. No.
 - Q. Any particular reason why?
- A. Because the report would already have been initiated with the incident report and I would have been



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Page 85

following up maybe observation that I may have put in the MITCI management central report when it was issued. I might have made some comments in there, but the details that were in the incident report were -- I assumed that I said that they were, you know, accurate or -- I don't have any reason to add or take away from that so I wouldn't have done a separate report for that.

Q. The other two documents -- well, before I move on -- I'm sorry. The handwritten page with Exhibit H at the bottom says under brief description of known facts, "SO3 leak crossing fence line toward Ormet making nightly security perimeter inspection as per Homeland Security regs. Noticed that the leak was getting off-site. Truck would not move. Stuck in the mud."

Is that what you see right there on Exhibit H?

- A. Yes.
- Q. Okay. And under environmental deviation, it says, "SO3 release contacted Kerry Long and Elizabeth Cromwell and crew fix the leak."

And that's prepared by Jeff Simoneaux; is that right, as far as you can tell?

- A. Yes.
- Q. Okay. Do you know how there came to be typed initial incident reports that are the next two documents in the package that is Exhibit 6 to your deposition?



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Page 86

And that would be Bates Page 66 and 67.

- A. I don't know what the basis is for that, but I would assume that they were just adding some details from their own perspective about what had happened, like Gene Clemons was making a remark about what was actually leaking on the CIP. And I don't know the reason for Elizabeth Cromwell for her doing her report.
- Q. And she says, "Environmental coordinator responded first. Advised the contact, Mark, if gas leak was going off-site." That's on Exhibit I or Page 67.
 - A. Yeah.
 - Q. And so she was referring to you there?
- A. Yes.
 - Q. Okay. Do you know why the typed version that Gene Clemons did says the gas is not traveling past the fence line, although the report from the operator said that it was?
 - A. I don't know. I couldn't answer. I don't have any knowledge why there was a difference there or not. I know that if it was -- if there's a gas leak going off-site, that it's the operator's responsibility to reduce the rates or shut the plant down.
 - Q. If it's going where?
 - A. If a leak is going off-site, it's his responsibility to reduce the rates until the leak is



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Page 87

diminished or shut the plant down. He has the authority do to that.

Q. And that's the way it was, at least up until February 1 of 2012?

MS. WATERS:

Object to form.

THE WITNESS:

Yeah.

BY MS. BARNEY:

- Q. Do you know whether or not it changed February 1 of 2012?
- A. I was never made aware, even in my conversations with the plant manager, that anyone in operations could not do that.
- Q. Okay. So you don't recall a situation where Jeff Simoneaux got permission from his supervisor to cut the rate back on the plant, but Tom Miller came out to the plant and overrode that decision and told him to stop cutting it back?
 - A. I'm not aware of that.
- Q. Okay. The same typed document that is Bates Page 66 has "N/A" written beside environmental deviation, although the handwritten version said SO3 release. Do you know how the "N/A" got put on the typed version on Page 66?



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Page 88

- A. No, I don't.
- Q. N/A is not something that you would have used?
- A. No. I would have put no -- you know, if was not an environment deviation, I would have put no or yes.
- Q. Earlier, I think I asked you if you've ever put yes, but you said no, you --
- A. Not on any air incidents. I recall only one there was an incident involving a spill at the water.
- Q. Okay. Now, Exhibit I, which I think is also Bates Page 67, prepared by Elizabeth Cromwell has a "none" in the environmental deviation section. Do you think you had any involvement with that, putting the "none" there?
- A. She may have asked me the question. I mean, I didn't fill the report out, so she would have had to -- you know, if she asked me the question, she would have been doing it in response to what my answer was.
- Q. You just don't have any specific recollection about that?
 - A. No.
- Q. Do you have any specific recollection of doing a calculation of a gas leak in March 2012?
- A. Don't remember unless it's within one of these ones that you've shown me. I don't remember or if you find something that's dated in the files of the



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Page 89

calculation that was attached to a report. I don't remember.

Q. Okay. I want to show you a document that's Bates labeled DSF 5 through 9.

MS. WATERS:

It's already an exhibit.

MS. BARNEY:

It's already in there?

MS. WATERS:

Yes.

BY MS. BARNEY:

- Q. That would be Exhibit 4 and ask you to look at Exhibit 4, please, one more time, and this -- is this one of the documents you reviewed before your deposition?
 - A. Yes, I believe so.
- Q. Yes, because that's your name on Page 9 and I recall us talking about that.

Okay. Under the brief description of known facts, it says, "Operations called maintenance to report a gas leak on the CIP."

Based on the incident report we saw on Exhibit 6, they actually called you; is that right?

A. If I remember right, I told him to speak to Mark, which would have been maintenance in this case, to come



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Page 90

out there and to do whatever he needed to do to make sure that the leak was not getting worse.

- Q. All right. So do you recall whether this originally said operations called environmental coordinator and then you edited it to say that they called maintenance?
- A. I didn't edit it because I didn't prepare this report.
- Q. Okay. Even if you don't prepare it, you can make edits to it; right?
- A. Yes, but we would have done that -- done that with discussions with each other, what needed to be edited on the report that was not accurate.
- Q. Okay. If you look at Page 9 where it has your name under the status edit tracking, it actually says Tom Miller for Kerry Long; right?
 - A. Yes.
 - Q. So you may or may not have seen this document?
- A. I believe I saw it. I cannot answer with certainty that I saw it, but I believe I saw it.
 - Q. Okay.
- A. And he would have done the -- any updates. He was saying here that he would have done that for me.
- Q. What does that mean when he says he's doing something for you; do you know?



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Page 91

A. Well, it has to be -- these incident reports have to go through whoever may look at the reports for review. I think he was just answering for me that it went through whatever status or -- it was in -- you had to -- it was issued -- report's issued and then there was another status it went into where it's like under review and then when it's complete and ready for -- to be finalized, the different stages it goes through, he can do that for me. For instance, if I was involved in something else, if I tell him that I approve the report, he would just go in there and approve that for me, whatever -- bring it to the next stage of completion. So I'm not sure what those details were about that or why he was doing that for me in this particular case, but...

- Q. So if you had any edits that you wanted to make to the report, you could have conveyed those verbally to Tom Miller and then he could have made them and put for Kerry Long?
- A. Yes, because he would have been the one that I think initiated this particular report. Yeah, created by Thomas Miller. So I would have conveyed those to him if there were any edits or he might just be I said I was fine with the report as it was and he was just moving it to the next stage in the process.



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Page 92

- Q. Okay. As the plant manager, if he wanted to make changes after you saw the report, he was free to do that; right?
- A. I don't know of anything that would restrict anyone from going in and making changes on it that had access to this system.
 - Q. Okay.
- A. So I guess anyone -- any of us could have done it, even after the report is final.
 - Q. Until it's actually submitted into the system?
- A. Right. Right. Then after submitting it into the system, you make -- in fact, when it becomes a final report like that, if you go back and make edits, all of that is going to be, tracked anyway, through that.
- Q. So through here, we only see Tom Miller making the edits on Page 9?
 - A. Looks like that's the case, yes.
- Q. So you don't know -- and I think we've covered this, but you don't know whether you made any edits or not after you saw this report?

MS. WATERS:

Asked and answered.

THE WITNESS:

No.

BY MS. BARNEY:



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Page 93

- Q. And, actually, this report on Page 5, Bates

 Number 5, it just basically skips the step where the

 operations called you and you told the operator,

 Mr. Simoneaux, to call maintenance. It just kind of

 goes straight from operations to maintenance; is that

 right?
- A. Yeah. I don't see any mention of operations calling me on this.
- Q. Okay. All right. And then under the brief description of known facts, it says, "It was discovered that the vacuum box had corroded" -- "vacuum box insert had corroded. Therefore, we lost vacuum at that point. It was reported that the gas was not traveling past the fence line."

I guess the investigation would have occurred after the leak, sometime after the leak; is that right, if it says upon investigation, it was discovered?

- A. And the question again, please.
- Q. Well, it's just a timing issue. It looks like -I'm a little confused about the timing. "The operators
 called maintenance" is what it says and then it says,
 "Upon investigation, it was discovered that a vacuum box
 insert had corroded. We lost vacuum. And then it says,
 "It was reported that the gas was not traveling past the
 fence line."



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Page 94

It seems like in timing-wise that second sentence probably had to happen after the incident; right, when somebody went to go check on it?

- A. Yeah. It would have had to have been done at least by when maintenance was there to do what they needed to do to mitigate the leak. So it would either have been their observation when they came out that night or perhaps the next day when Gene Clemons actually put his eyes on it that that observation would have been.
 - Q. About the vacuum box?
 - A. About the vacuum box.

I mean, that's just -- that's just my estimation of what happened. I don't necessarily know that I got all of the facts and details about that correct.

- Q. Okay. Do you have any knowledge as to why the box that's called "Brief description of known facts" on Page DSF 5 does not include the facts that are listed on Exhibit H to Exhibit 6 of your deposition?
 - A. No. No, I don't know.
- Q. Okay. If you look at the document we've marked as Exhibit -- we haven't marked it yet, have we, the one we are talking about, Bates Pages 5 through 9? Oh, yes, we did. It's Exhibit 4.

If you look towards the bottom of Page 5 of



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Page 95

Exhibit 4, it says, "HTM chemicals released." What does HTM stand for?

- A. HTM, the first word is hazardous and I'm trying to remember. It's a nomenclature that's used in this reporting system and let me see if that's explained somewhere else in the report. I'm not sure what it stands for.
 - Q. And you don't know what HTM chemical means?
 - A. I forgot what it means.
 - Q. Okay. Is it a highly toxic material?
- 11 | A. Could be.
 - Q. Which is listed on Page 6?
- 13 | A. Yeah.
- Q. The column at the top by the little A. Oh, there it is. It's defined as HTM. It's on Page DSF 6.

MS. WATERS:

Next page right there.

THE WITNESS:

Yes.

BY MS. BARNEY:

Q. So it says, "Which highly toxic chemicals are released?" On Page 5, it asks that question, "HTM chemicals released, select all that apply," and over on the right next to that entry, it says, "Sulfur dioxide"; is that right?



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Page 96

- A. Yes.
- Q. Do you have any idea why this investigational report says sulfur dioxide, although Exhibit 6 to your deposition, the page that's labeled Exhibit H at the bottom, says SO3 was released?
- A. I'm not following. Where does it say that SO3 was released?
- Q. Okay. If you look at Exhibit 6 to your deposition, this one page that's marked Exhibit H to that Exhibit 6, under chemical released, it says SO3; right?
- 12 A. Uh-huh.
- 13 | Q. Is that a yes?
 - A. Under -- I see that in the written incident report that SO3 is the chemical that he says is released.
 - Q. Okay. And on Page 66 of Exhibit 6 says SO3 again; right?
 - A. Where is the location again?
 - Q. On Page 66 of Exhibit 6.

MS. WATERS:

Bates number 66.

23 BY MS. BARNEY:

Q. It says SO3 -- actually, it says, "Small amount of SO3" is what Gene Clemons wrote.



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Page 97

- A. Uh-huh.
 - Q. Is that right?
 - A. Yes.
- Q. Do you have any idea why the document that's Exhibit 4 to your deposition, Bates Page 5, doesn't list sulfur trioxide; it only lists sulfur dioxide?
- A. It's actually a mixture of gases, sulfur dioxide and sulfur trioxide, but contained in air. So a mixture of air, sulfur dioxide and sulfur trioxide and depends on what -- where the leak is at is what the concentration is for each one for -- do we have calculation -- do we have a calculation for that particular one for the CIP gas leak?
- Q. Well, just to clarify for the record, on Page 5, sulfur trioxide is not listed; right, just sulfur dioxide?
 - A. Right.
 - Q. Okay.
- A. And according to this calculation here for the CIP on the cold side there, concentration of SO2 was 1.0 and SO3 concentration was zero.
 - Q. What document are you looking at now?
 - A. This one, the calculation for that.
- Q. Oh, it's a document we haven't even talked about yet; right?



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Page 98

1 A. Okay.

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- Q. Is this somehow, Bates Page 1017 -- do you think that this document you're referring to now, Bates Page 1017, has anything to do with this March 2012 investigation report?
- A. It's talking about the same type of leak there so I assume that this is the calculation for that.
 - Q. But you have no idea; right?
 - A. No.
 - Q. So let's stick to Exhibit 4.
- A. I guess what my -- what my answer was, that depending on where it's found -- the leak is found in the HIP or the CIP, the concentration of SO2 and SO3 can vary, but it is a mixture of gases. And in some places, you don't have any SO3 at all. The only thing you have is SO2, sulfur dioxide, gas there in the air, and other places you have concentrations of both of those so...
- Q. And I guess I would just move to strike that as nonresponsive, which is just a legal thing that we do with a deposition.

My question is do you know why there would be SO3 written -- well, let me strike that and start over.

According to Exhibit 6, the page that's labeled Exhibit H at the bottom, the operator saw a leak on March 18th, 2012; is that right?



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Page 99

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- Q. So if he saw a leak, a gas leak, then he was seeing SO3; right, because you can't see SO2? So out of SO2 and SO3, he's seeing SO3?
- A. But if there's no SO3 in that particular spot where it's leaking there, then he cannot be seeing SO3. That's what I'm saying. Some parts of there, there's no SO3 in that equipment there because it is already been absorbed in the absorption part of the process. All you had would be SO2.
 - Q. So are you saying that maybe the --

That's what he's saying.

- A. That might be why there's some confusion about why you got SO3 some places and SO2. When they actually did the report, the places they were saying that was leaking does not contain SO3, but only SO2.
- Q. But you have no idea whether what you just said had actually any bearing on Exhibit 4, the investigation report; right?

MS. WATERS:

Object to form.

THE WITNESS:

Which one?

MS. WATERS:

Right here.

BY MS. BARNEY:



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Page 100

- Q. I mean, you have no idea whether that happened or not?
 - A. No.
- Q. Okay. And I guess what you would be saying is that --
- A. You're asking me why is there a difference in seeing SO3 in one report and SO2 in another report.

 That's my only explanation of why it is, because there may have been some confusion over what was actually in that particular part of the equipment that was leaking.
- Q. Or there was an --- couldn't it have more likely been that they investigated equipment that was not the source of what the operator saw?

MS. WATERS:

Object to the form.

THE WITNESS:

I can't guess. You just asked me -- you were asking me why there would have been a difference between why SO3 and SO2 and, you know, the different reports there. That's my only explanation I could think of is that they assumed that there was SO3 there and that it may not have been SO3 at all. It may have been just SO2.

- Q. Well, if there's an SO3 leak that was visible --
- A. Yes.



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Page 101

- Q. -- in keeping with Exhibit 6, page Exhibit H of that Exhibit 6 --
 - A. Uh-huh.
- Q. -- if this operator saw an SO3 gas leak, then that means he saw the leak; right? Because you can see SO3; correct?
 - A. You should be able to see SO3, yes.
- Q. And you cannot see SO2. You've already said that earlier today, I believe.
- A. It's my not experience to be able to see SO2, yes.
- Q. So the leak that under the normal DuPont procedures, the leak that would have been investigated if they wanted to investigate the leak that is reported in Exhibit 6, Page H of that document, they would have been investigating an SO3 leak; is that right?
- A. They would be investigating a leak that someone said was an SO3 leak, yes.
 - Q. Okay.
- A. Whether it turned out to be an SO3 leak or not, I don't know.
- Q. So you're suggesting that they may have just gone to the vessel that didn't have any SO3 and do an investigation report about that?

MS. WATERS:



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Page 102

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Object to form.

THE WITNESS:

No. I'm suggesting that the leak that was reported may not have been in a place that actually contained SO3.

BY MS. BARNEY:

- Q. All right. Does the document that is Exhibit H say anything about the place from which the SO3 gas is leaking?
 - A. Repeat the question, please.
- Q. Does Exhibit 6, the page that's marked Exhibit H in that document, the handwritten incident report by Mr. Simoneaux, does it say anything in that document about the location from which the SO3 is leaking out of a vessel?
 - A. No.
- Q. All of the initial incident reports from March of 2012 refer to this leak as having SO3 in it, in the leaking gas; is that right?

MS. WATERS:

Asked and answered.

THE WITNESS:

Well, yes.

BY MS. BARNEY:

Q. And the Cromwell --



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Page 103

- A. From what I see here, yes.
- Q. Cromwell says it was a mixture of SO2 and SO3; right?
 - A. Yes.
- Q. Clemons says it's SO3. Jeff Simoneaux says it's SO3, and I want to confirm with you that nothing in the document that is marked as Exhibit 4, the investigational report that is supposed to have taken place in follow up to the March 18th incident report, says anything about SO3.

MS. WATERS:

Asked and answered.

BY MS. BARNEY:

- Q. Is that right?
- A. Say that again.
- Q. Nothing in -- earlier we talked about Page 5 of Exhibit 4. Now I want to confirm with you that nothing in the document that we've marked as Exhibit 4 says anything about a release of sulfur trioxide or SO3; is that right?

MS. WATERS:

Same objection.

THE WITNESS:

Nothing says -- I'm looking at Exhibit 4

25 here.



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Page 104 1 MS. WATERS: 2 Right here. This is 4. 3 THE WITNESS: 4 Okay. Six. 5 MS. WATERS: 6 Yeah. 7 THE WITNESS: 8 Four. The only one that's mentioned in this particular report is sulfur dioxide. 9 10 BY MS. BARNEY: Q. All right. You said this particular report. 11 Would you think there would be more than one 12 investigational report for the March 18, 2012 incident? 13 Not in this system. In the management central 14 Α. system which this is part of. 15 16 So this would be -- Exhibit 4 would be the investigational report for the March 18th, 2012 gas leak 17 incident that was --18 19 Α. Yes. Okay. And is it your testimony that you did not 20 make an edit to this report that removed SO3 from this 21 22 report? A. I do not recall making any edits to the report, 23 only reviewing the report. So I don't make -- I didn't 24 25 make any edits.



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Page 105

- 1 Q. You don't --
 - A. I don't recall making any edits to the report.
 - Q. Okay. Do you recall ever seeing SO3 listed in this investigational report?
 - A. Do I recall SO3? Because -- yes, I would have because I remember seeing the handwritten report and the written reports following it that would have indicated that it was SO3.
 - Q. Okay. So you saw SO3 in the initial reports that we've marked as Exhibit 6, but to clarify my question, my question is did you ever see a version of the investigational report that had SO3 in it?
 - A. No, I don't recall.
 - Q. So you don't know how the investigational report came to speak only to SO2 and not SO3; is that right?
 - A. No. All I did was give you what I think may have happened.
 - Q. Is that they investigated a piece of equipment that would have only had SO2 in it?

MS. WATERS:

Asked and answered.

THE WITNESS:

Or that -- I wouldn't agree with that.

I mean, just as likely is that it was reported as an SO3
leak in equipment that did not contain SO3, but only



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Page 106

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BY MS. BARNEY:

- Q. But we just established that the report from the operator did not refer to a piece of equipment, so that's why I'm confused. Exhibit 6, the initial incident report, doesn't say anything about the piece of equipment.
- A. Somewhere between the operator observing the leak and actually doing the report up, he had to have maintenance out there and actually put hands on the equipment so that they can mitigate the leak. So that information had to be communicated to maintenance supervision to operations supervisor of where the leak was. So if he didn't specify what the equipment was, it was understood by, you know, maintenance operations supervision where they were talking about the leak. I don't know why that was not captured in his written report there, but at some point in written reports there, they mention it was the CIP exchanger.
- Q. In conveying that possible explanation, are you assuming that there's only one leak at the plant at that time?
- A. I don't have -- I don't know whether there was one leak or, you know, several leaks at a time. I don't know.



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Page 107

	Q.	Okay
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- A. But I know that they were mitigating one leak. The other leaks, if there were leaks, must have been already taken care of. They must have already had a vacuum hose on it if there was leaks.
- Q. In your opinion, is taking care of a leaking vessel putting a plastic hose on it; is that your way of taking care of a leak?
- A. Unless it cannot take care of the leak. Unless it cannot control the leak or contain the leak, then you have to reduce rates or shut down.
 - Q. What about fixing the equipment, would that be --
 - A. Yes.
 - Q. -- a way to address the leak?
- A. And we've done that in the past, shut it down to get into the equipment. Sometimes it's very involved to get in those exchangers and do the work. It takes days, and we have taken weeks, you know, to do that before.
- Q. Okay. If Mr. Blanchard or Mr. Bell testified that they have not been able to fix all of the leaks and that there have been leaks since December 2011 in the vessels we've been talking about, the CIP, the HIP, the converter, the superheater, would you dispute that?

MS. WATERS:

Object to form.



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	Page 108
1	THE WITNESS:
2	No, I wouldn't dispute it. There's
3	leaks that probably are out there today that they have
4	to have hoses on to be able to contain them.
5	BY MS. BARNEY:
6	Q. Or try to contain them?
7	MS. WATERS:
8	Object to form.
9	THE WITNESS:
10	Yeah. But their understanding at
11	least my understanding when I was out there, if they
12	could not contain the leak, that we would reduce rates
13	or shut the plant down and fix it.
14	BY MS. BARNEY:
15	Q. Okay. That was what you wanted to happen; is
16	that right?
17	MS. WATERS:
18	Object to form.
19	THE WITNESS:
20	That was our operating philosophy.
21	BY MS. BARNEY:
22	Q. You can't testify, as you sit here right now,
23	with any degree of certainty that this plastic hose
24	system was capturing all of the SO3 and SO2 gas that was



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leaking out of these vessels at any point in time?

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Page 109

- A. I can't guarantee that, no.
- Q. Okay. Are you suggesting when you say that maybe, you know, when they did investigational report, they focused on equipment that only had SO2 in it, or are you suggesting that Mr. Simoneaux didn't know what he was talking about when he said he saw an SO3 leak?

MS. WATERS:

Object to form.

THE WITNESS:

He didn't -- without him identifying in the -- his report, handwritten report, I don't know specifically what he was talking about. So I'm just suggesting that. I don't know for sure whether he was, you know -- they don't -- it's very hard to see that equipment. It's very -- if you've seen pictures of it, it's really -- it's in a very confined area. It's very hard to make out what is what in there. That's only a possibility. I'm not suggesting anything, but you asked me about why there might be some confusion, why -- where there was SO2 in one report and SO3 in another, you know. That was my explanation that I could think of. BY MS. BARNEY:

Q. Doesn't the investigational report usually investigate the, quote, brief description of known facts that was listed in the initial incident report? Isn't



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Page 110

that the purpose of the investigational report?

- A. Yes, to establish and verify what was in that report and to add to that report as needed, where you calculate a quantity or you could come -- where they have actually investigated and found out what the exact -- what the location -- what is leaking on that particular equipment, which maintenance was able to do.
 - Q. Maybe.
 - A. Yeah.
 - Q. Because you don't know; right?
- A. I just go by what they tell me, you know.

 They're, you know, very experienced people. They had

 more knowledge about that matters than I did.
- Q. You don't have any reason to believe that Jeff Simoneaux doesn't know what an SO3 gas leak looks like; right?
 - A. No, I don't have any reason to believe.
- Q. Would you have necessarily had any input to Page 8 of Exhibit 4?
- A. Exhibit 4, Page 8? This is the page that you're talking about?
- Q. Yes. Well, it looks different from your copy. Page --
 - A. It's highlighted.
 - Q. Okay. Page DSF 8, yeah.



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Page 111

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A. I may have. I can't answer for certain.

Q. At this point, Dan Monholland was also at

SO2 leak in connection with this investigational report?

So you think maybe you did a calculation of an

Up at the top, would you have had any input in

If those are quantities there that I would have

this page of the report in terms of material type, the

provided a -- most likely provided a calculation for

containments released from, et cetera?

A. Yes.

Burnside?

Q. And so he may have -- do you know whether or not, when you were the environmental coordinator, whether Dan Monholland would have been the one to do calculations or whether he only started that after you left?

- A. He may be involved in it and may have done the calculations. I mean, it was not -- it was probably either he or I that would have done that and certainly after I left, he would have done it by himself.
- Q. We've already marked Bates Page 83 as Exhibit 3. That calculation does not show a total mass release of SO2 in the amount of three pounds, does it?
- A. No. That's a different part of the equipment. That's on the converter.



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Page 112

- Q. Okay. You mean it's a different part of equipment than the one they investigated in Exhibit 4?
 - A. Yeah. This is a CIP.
 - Q. The record --
 - A. That's a gas leak.
 - Q. Okay. So Exhibit 3 is referring to a gas leak on the converter; right?
 - A. It's a second pass outlet, yes.
 - Q. And Exhibit 4 says that it's focussing on the CIP; is that right?
 - A. Yes.
 - Q. Okay. So we know 83 is not a calculation that went with Exhibit 4; right?
 - A. It doesn't appear to be, no.
- Q. Okay. Okay. So I'll show you Bates pages that I think you said you looked at before your deposition, which is Pages 17 and 18, DSF 17 and 18. Those appear to be calculations that were performed, at least as they're labeled, on a gas leak on the CIP. One of them hot side, which is Bates Page 18, and one of them CIP, cold side, Bates Page 17; is that right?
 - A. Yes.
- Q. Do either one of those calculations show a total mass release of SO2 of three pounds?
 - A. No.



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Page 113

MS. BARNEY:

Okay. And then I'll go ahead and attach -- we'll mark the documents 17 and 18 as Exhibit 7, but we'll go ahead and include Bates Page 16.

(Whereupon Exhibit No. 7 was marked for identification.)

BY MS. BARNEY:

- Q. Bates Page 16 is another document that you looked at before your deposition; is that right?
 - A. Yes.
- Q. Okay. We'll put those three calculations together as Exhibit 7.

So of the four pages of calculations that we've seen, none of them would match up with the three pounds of SO2 reflected in Exhibit 4; right?

- A. No, none of them do.
- Q. Okay. And nothing -- I think you might have checked this already, but nothing on Exhibit 4 says that there's a calculation attached to that report?
- A. No. I'll check it again, but I didn't see it on the report that we looked at.
 - Q. Okay.
 - A. I don't see anything.
- Q. The calculation that's done with that spreadsheet formula, that calculates the gas leaving the vessel



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Page 114

itself; right?

- A. Through the leak, yes.
- Q. Okay. So on Page 8 of Exhibit 4 to your deposition where it says, "Amount released out of primary containment," is that the vessel itself, or what does that mean, primary containment?
- A. Primary containment would be the leak itself from the hole, and secondary containment would be an estimate of what was not mitigated.
- Q. So that's sort of an estimate as to how much did not get sucked up by the black hose?
- A. They're saying here this incident was roughly 50 percent was sucked up.
 - Q. Okay. That's really just kind of a guess; right?
 - A. Yes.
- Q. There's no mechanism or spreadsheet for calculating the amount of gas that's leaving the black plastic hoses and metal box system; right?
- A. Not that I'm aware of. We just have to make some assumptions.
- Q. Okay. How many times would you say that you've seen SO3 gas at the DuPont Burnside site?
 - A. I don't know.

MS. WATERS:

Object to form. He said you couldn't



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Page 115

see it.

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MS. BARNEY:

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No. That's SO2.

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MS. WATERS:

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I'll withdraw.

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THE WITNESS:

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I don't know. You know, whenever you

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know, before you got a hose on it, you would have seen

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it, so I can't guess how many times that would have

had the leak from one of these exchangers, I -- you

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BY MS. BARNEY:

been.

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Q. Okay. Can you give any kind of range, like two dozen, less than a dozen, more than 50, less than 50,

been after they had already put a hose on it, so I

didn't see it then. So if I saw a leak, it had to be

a hose on it yet. But remember, that equipment only

less than a dozen times I saw a leak and they hadn't got

started up in 2009, so it had only been a couple years,

several years, and they really didn't start leaking any

until probably 2011, mid 2011 till I left in summer of

worth of experience in seeing those, so I would say less

2012. So I had maybe a year and a half or two years'

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any kind of idea?

. .

16 A. Most of the time that I saw a leak would have

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Page 116

than a dozen where I actually saw the leak and it did not have a hose yet on it.

- Q. Okay. Did you ever see a leak where the hose had melted down and so, therefore, there was a hose near it, but the vacuum was lost?
- A. I've never seen it, but I've heard that that has happened before, and they would tell me about it and then they would go out and replace the hose.
- Q. Okay. If you could look back at Exhibit 4, second page, which is Bates Page 6, under instructions, it says, "2009 ACC reportable quantities".

What does ACC mean?

- A. That's the asset -- I'm trying to think. ACC.

 ACC is asset -- that might be some nomen- -- you know, a synonym for having to do with the acid technology group there and these were reportable quantities for doing investigations. These weren't regulatory argues.
- Q. So did you -- were you supposed to use these in connection with your job?
- A. No. I don't know why they were there. I never did get a good explanation of why these were on there. I went by regulatory argues.
 - Q. So you went straight to the statute?
 - A. Yes.
 - Q. If you could look at the exhibit that's got --



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Page 117

I'm not sure what the number is. It's got all of these incident reports attached to it.

MS. WATERS:

It's 5.

MS. BARNEY:

Looks like Exhibit 5.

MS. WATERS:

Yes.

BY MS. BARNEY:

- Q. Earlier, you were talking about the DEQ coming out in April of 2012?
- A. That's what my guess was. It was April of 2012. I don't know for certain if it was April, May. Seemed like it was sometime spring or early of 2012.
 - Q. So you don't really remember when --
- A. No. I don't remember specific dates, but it seemed like April was a good guess of when that was.
- Q. If there's an -- well, I believe you indicated earlier that there was an initial incident report written for whatever incident prompted the DEQ to come out at that time; is that right?

MS. WATERS:

Object to form.

THE WITNESS:

No. They came out in response to a



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Page 118

follow-up because they came out at night.

MS. BARNEY:

Right.

THE WITNESS:

Then I was not there at night, so they wanted to follow up during the daytime when I was there and they could have an opportunity to look at any leak that we would have in the daylight hours. So that ended up not happening the next day, but several days afterwards, whenever that was.

BY MS. BARNEY:

- Q. All right. My question is the event that prompted them to come out was reflected in an initial incident report or no?
- A. I believe one was created, but they were called out not on the basis of a report, but by a verbal notification that --
- Q. Right. Like a passerby on River Road; is that right?
 - A. Well, I don't know for sure.
 - Q. What were you told?
- A. You know, I was told that it was people within the plant that did it. But whether there is people within the plant or people without the plant, we've still got to investigate it, you know.



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Page 119

Q. So you think that an initial incident report was prepared in connection with the incident that prompted the DEQ to come out that night in April or May of 2012?

A. Yes.

Q. If I showed you incident reports that are in Exhibit 5, do you know which incident report prompted the DEQ to come out?

MS. WATERS:

Object to form on prompting.

THE WITNESS:

Based on the incident reports that I am looking at here, would have been 74, that incident report is the only one that mentions that the -- someone outside the plant had a complaint.

MS. BARNEY:

Okay.

THE WITNESS:

I don't -- I haven't looked through all of them there, but it looks like that's the one that they're saying there that it was a complaint from someone manning the radios for the GAMA. That's the Geismar Mutual Aid group there that would have had someone pass by and had a complaint.

BY MS. BARNEY:

Q. Okay. So earlier when you were testifying about



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Page 120

an April DEQ visit, it was actually probably this May 27, '12 incident that is referred to in Exhibit 5, Bates Page 74?

- A. It may have been, but I don't know without any doubt that that's the case.
 - Q. You only recall one --
- A. I only recall one incident that happened at night that DEQ was called about the incident that they came out at night and checked it. That's the only one that I remember. All of the other ones, whether that was in May or some other times, I don't recall. I don't see specifically here where DEQ was called out on these incident reports.
- Q. Okay. Because the incident report wouldn't have the follow-up visit; right, because it's the initial incident report? So it's prepared sort of at the moment; right?
 - A. Right.
- Q. And then if DEQ came later, it wouldn't be captured in the initial incident report?
- A. You're talking about the DuPont internal incident reports --
 - Q. Right. This --
 - A. -- or anything that DEQ would have written up?
 - Q. I'm talking about these documents we're looking



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Page 121

at that are Exhibit 5, these initial incident reports on DuPont procedures. They're done at the time, so if DEQ comes a few days later and follows up, it's not going to be reflected in the initial incident report; is that right?

- A. You're asking me some -- to construct details about something that I'm not able to recall now, so I don't know.
 - Q. All right.
- A. I'd rather -- I don't have -- I'd just be quessing, so I don't want to offer any quesses.
- Q. Do you know whether an investigational report was done for the incident -- I think you testified earlier that the incident that the DEQ followed up on, an investigational report had been started by the time DEQ came back. Maybe completed, but definitely started --
 - A. Yes.
 - Q. -- by the time they came back. Okay.

MS. BARNEY:

I guess for the record, I don't think we've been provided with an investigational report pertaining to a 5/27/12 incident report.

MS. WATERS:

You have all that we have. We have a 5/24/2012. That's all we have. All of the reports that



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Page 122

are on MITCI, you have relating to gas leaks.

MS. BARNEY:

Okay.

BY MS. BARNEY:

Q. I'll show you a document that we'll mark as
Exhibit 8 and it's Bates labeled DSF 10 through 14.

(Whereupon Exhibit No. 8 was marked for identification.)

BY MS. BARNEY:

- Q. That investigational report is dated 5/24/12; is that right?
 - A. Yes.
- Q. Or it refers to a 5/24/12 incident so that can't be the incident that you were looking at in Exhibit 5, Page 74, but this document does seem to be one that was submitted by you and I'll just ask you to confirm that for me.
 - A. You're talking about Exhibit 8.
 - Q. Yes.
- A. Let's see. It was initiated by Tom Miller and I rated the incident, that portion of the report.
 - Q. What Bates page is the rating reflected on?
- A. Let's see. That would be 11, environmental rating.
 - Q. Does this document reflect that a calculation was



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Page 123

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- A. I don't see where that's indicated.
- Q. On Page 13, there's no amount released given next to SO2 and SO3; right?
 - A. Which page?
 - Q. Page 13.
 - A. No. Page 10 has the amount.
- Q. Page 10 only gives the amount for sulfur dioxide; right, not SO3?
- A. That's what the chemical is specified here, sulfur dioxide, yes.
- Q. Can you tell whether this is the final report that was actually submitted to the central management system?
- A. It appears to be. The last notation on the update history says on 5/25 that it was updated to be issued so this was -- this would have been issued as a final report if I'm understanding the edit tracking part down there. Submitted to authorizer on 5/25/2012 and then he would have authorized it to be final.
- Q. Okay. So we don't know what amount of SO3 was estimated to have been released during this 5/24/2012 event; right?
- A. This particular report says that the chemical release is sulfur dioxide.



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Page 124

- Q. That's what it says on Page 10; right?
- A. Yes.
- Q. On Page 13, it says SO2 and SO3; right?
- A. Yeah. Yes.
- Q. So nothing tells us what the quantity of SO3 was that was estimated to have been released for this 5/24/12 release?
 - A. Did you ask a question?
 - Q. Yes.
 - A. What --
- Q. Nothing tells us how much SO3 was estimated to be released in connection with this 5/24/12 event; right?
 - A. No, not that I could see.
- Q. You don't have any specific recollection of doing a calculation for that release; right?
 - A. No.
- Q. Do you recall, since apparently we don't have an investigational report for an incident on May 27, 2012 that might correspond with the GAMA call incident that you were talking about earlier?
 - A. Yes.
- Q. Do you specifically recall seeing an investigational report for that incident, the GAMA incident that's mentioned on Page 74 of Exhibit 5?
 - A. No. I don't recall any report for that.



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Page 125

- Q. All right. So earlier when you testified that you would have done a calculation by the time the DEQ people came back to talk about that incident, could you have been mistaken about that or how does that add up?
- A. No, because they would have asked for the calculation. They would have had to see it, how do we what do we use on the basis to say it was not a reportable quantity, so I'd have had to provide something for them. Where that's at, I don't know. If it's not in this information you've already had, I can't answer that, but I know that they would have to have something to verify that it was a leak and that it was not a problem, you know.
- Q. Okay. But you don't specifically recall a conversation like that with DEQ about reportable quantity of a gas leak from this equipment, or do you?
- A. Yeah. I remember them asking for a documentation report that was filled out and we were giving them report and support calculations that said the amount that we were saying on the report was correct.
- Q. Okay. So you feel like when you left DuPont, that document probably existed or at least existed back in May or June of 2012?
- A. It should be there, yes, because I would have had -- like I said, would have had to supply that to



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Page 126

them. They were just not going to be satisfied that here is a written report of what was the basis of what we said in the report. They would have had to have some kind of documentation that I would have to give that -- my recollection was that they were satisfied with the report and the documentation we had and the conclusions we made in the report.

There was a lot of transitioning going on during that time. I can't answer for what happened to that and I didn't think about where all of those things were when I left, so it could probably — it may still be out there somewhere, but someone has not put their hands on it. But I know that there would have to be a support documentation for that investigation.

- Q. And you think DEQ may or may not have made a copy of it?
- A. I can't answer for sure, but normally, they would. Every time she's done an inspection at the site, anytime she asks for a document, to see it, she would want a copy of it.
- Q. Do you recall -- all right. Do you have any recollection about what gas was at issue in this conversation that you recall with the DEQ that night or that day in May or June of 2012?
 - A. I don't know -- in the investigation she



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Page 127

specified or I volunteered, I don't know if that was even discussed. We just provided the report and, you know, the calculation that went with it showing what we estimated that leak to be. So I don't remember her coming in and asking me who reported an SO3 leak or SO2 leak. She just said, you know, we're investigating a leak that happened in your HIP and the CIP and she had got some information from her visit at nighttime to kind of explain to her what the HIP and the CIP were to kind of give her a background when she came back, so...

- Q. 1530, what time is that; is that 3:30 in the afternoon?
 - A. Yes.
- Q. Okay. Do you think maybe that Page 73 of Exhibit 5 and Page 74 are related somehow, or do you know?
- A. I don't know. Based on the dates of the report, they seem like they're different incidents to me.
- Q. You testified earlier that the GAMA call came at night, and so that's what I was noticing --
- A. I don't know if I said that it came at night.

 I'm just -- I know that it was someone outside the plant that made the complaint. I don't know if it was a GAMA call, if it was some other means that the agency, DEQ, was involved in it, but somehow they had to get a call to investigate a complaint. I don't know if it was



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Page 128

radio, direct call to them or how someone from the plant called in. So I'm just making assumptions that that's probably the most logical way that they knew about it. I don't know for sure if that happened one way or the other.

MS. WATERS:

Can we go off the record?

(A conversation was held off the record.)

BY MS. BARNEY:

- Q. Who would you say was supposed to keep track of this sort of documentation, the calculations, the investigational reports, the incident reports? Was there anybody in charge of kind of keeping all of that together?
- A. Kind of the person that initiated the report. In whatever case, most of the cases I see here would have been Tom Miller.
 - Q. Okay.
- A. I mean, in the case I initiated a report, it would have been me.
- Q. Did you ever attend any morning meetings at DuPont?
 - A. Every morning.
- Q. Do you recall a meeting around this time in May of 2012 where Mr. Miller gathered everybody together and



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Page 129

discouraged them from reporting -- calling outside
agencies about leaks?

- A. No, I don't recall that.
- Q. Would you have been surprised to hear him tell employees that they -- you know, nothing good is going to come from calling the authorities?
- A. Yeah. I mean, that's -- I had a good relationship with him and I don't think he ever intended to discourage anybody from doing what they felt like was right.
- Q. Okay. So in conversations with you or in conversations or in meetings that you were present for, you never heard Tom Miller tell the employees they better not do that or the plant is going to get shut down; right?
 - A. No.
- Q. They'll be on the outside of the plant looking in; you didn't hear anything like that?
 - A. No.
 - Q. Okay.
- A. If it was done, it was done in passing by certain individuals, but I don't ever recall it being made a public announcement or public proclamation in the production meeting that we were ever involved in or any other meeting.



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Page 130

- Q. Okay. In passing, who do you think was involved in those conversations in passing?
- A. I'm just guessing. I don't have any specific information that that was ever done, but I'm just saying that he was never where he stood up in a production meeting in front of all of these involved in a meeting and made any kind of statement like that. If he would have done it, it would have been done it would have been done where I didn't hear it. It was for specific individuals.
 - Q. Okay.
 - A. Not to me.
 - Q. Or anywhere you weren't there maybe?
- A. I can't guess about what happened when I was not there, you know.
- Q. Okay. Have you ever personally advised EPA about the leaks from the CIP, the HIP and/or the converter or any of the ductwork or plenums while you were at DuPont?
 - A. Advised EPA?
 - Q. Yes.
 - A. I've never had any conversations with EPA --
 - Q. Okay.
 - A. -- regarding anything at the plant.
- Q. All right. And that would include since you left DuPont and while you were there?



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Page 131

- A. Right.
- Q. And other than conversations, you didn't write any letters to EPA or put anything in documents --
 - A. No.
 - Q. -- to that effect?
- A. No. The only time I ever wrote anything to EPA is when we had like a Title 5 permit renewal or a Title 5 modification where we were required to copy them on letters where we submitted to DEQ or any reports that were Title 5, EPA was required to be copied on those. That's the only correspondence I ever had with them.
- Q. Okay. And those did not talk about the leaks from the CIP, the HIP --
 - A. No.
 - O. -- and the converter?
- A. No.
- Q. Do you have actual knowledge that any other employee of DuPont has advised EPA about the leaks from the CIP, the HIP, the converter or any of ductwork and plenums associated with it?
 - A. No.
- Q. I guess the same would be true for advice to the EPA about the hose box vacuum system that was used in connection with those leaks, you haven't advised EPA about those?



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Page 132

- A. No.
- Q. And you don't have any actual knowledge that anybody at DuPont advised EPA about those?
- A. I'm not aware of anybody that spoke to anyone outside of the plant. I don't have specific knowledge of anyone spoke to anybody, any agency about any leaks at the plant, no.
 - Q. Or any vacuums --
 - A. No.
 - Q. -- hoses, boxes --
- 11 A. No.
 - Q. -- for those leaks?
- 13 | A. No.
 - Q. Okay. While you were at DuPont, did you hear about any employees claiming to have breathed in SO3 gas or SO2 gas from time to time?
 - A. I didn't witness it personally, but I heard that there was one employee that decided to wear a mask, breathing apparatus when he was outside, and I think it might have been Leo Scott. I just heard that by word of mouth. I never saw him do that.
 - Q. Okay.
 - A. But he was the only one I've ever been aware of that needed to do that.
 - Q. My question was did you ever hear people



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Page 133

encountering the gas, you know, saying I was walking through such and such area of the plant and I got into some SO2 or I got into some SO3, that sort of thing?

A. SO2, fumes from SO2 would kind of take your breath away. SO3, you could see them. I've never seen anybody -- because SO3 is corrosive, too, so their eyes would be burning. Probably the skin would be irritated or whatever. But SO2 would kind of take your breath away. I mean, I've experienced that myself with SO2, you know, but, no, I've never done that. I guess probably maybe those that would be involved with industrial hygiene or whatever like that would probably have more instances -- maybe occasion to have known about that, but I personally was not aware of any incidents where someone complained about those types of fumes.

- Q. Okay. Did they ever just talk about it in passing like to say -- you know, to report a leak to say, you know, there's -- I just, you know, came around the corner and there's an SO3 cloud over there, kind of got me or, you know, I walked around it or anything like that?
- A. I'm sure that there may have been that conversation before, you know, because like I said, I've experienced it where I've walked into and got a whiff of



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Page 134

SO2 before and knew it was that. It kind of overcome and took my breath away, you know, but I'm sure there were times that someone said that.

- Q. Okay. Do you remember where you were walking when that happened with the SO2?
- A. I remember that it was in the -- when I smelled the SO2 was in the area called the DynaWave section. That's the upper end of the plant where the SO2 is created by burning spent sulfuric acid and then goes through system that removes the moisture, dries the gas out that I smelled it in there one time passing by. And that's where I personally -- other places, I don't have a recollection of where they may have told me.
- Q. Okay. Let me show you a document that we'll mark as Exhibit 9. This is Bates number DSF 84.

(Whereupon Exhibit No. 9 was marked for identification.)

BY MS. BARNEY:

- Q. Is that sort of an instruction form that goes with the incident investigation reports?
 - A. Yes.
 - Q. Okay. So you've seen this document before?
 - A. Yes.
- Q. And it talks about -- under report type, preliminary formal, it talks about the blue sections of



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Page 135

1 the report; is that right, the blue sections?

- A. "...requires all of the sections to be reviewed prior to authorization." I think these shaded areas I think are the blue.
- Q. That's what I was going to ask you to help me with.
 - A. Yes.
- Q. If we look at Exhibit 8, the shaded kind of gray-looking ones on the copies would be the blue ones that they're talking about on Exhibit 9?
 - A. I think so, yes.
- Q. All right. And then this instruction goes through the sections that are supposed to be filled out on an investigate report; right?
 - A. Yes.
- Q. And this refers to the ACC reportable and it says "Has the new ACC reportable release limits been applied to the chemical release section."

Do you see that?

- A. Yes.
- Q. So that suggests that you're supposed to use this new ACC reported release limits at least as of the date of Bates number 84?
 - A. Yes.
 - Q. And the ones -- do you recall that these



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Page 136

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instructions changed any while you were working at DuPont, this document number 84?

- A. They may have. I don't recall. I don't have a specific recollection that they did, but...
- Q. Okay. So as far as you know, this instruction, whenever existed -- well, back up. Strike that.

As far as you know, the investigation reports were always supposed to take into account the ACC reportable release limits as far back as you can remember?

- A. That's my understanding, yes.
- Q. Okay. Down on number 5, it says, "Supporting materials, has a root cause failure analysis been performed."

Do you recall whether for any of the gas leaks investigate reports there was a root cause failure analysis performed?

A. I'm thinking that's appropriate for PSM-related incidents, but I guess for the more serious environmental incidents, they would also include RCFA with that. But the ones that we are looking at here, I don't see any that would be categorized like it's an A or B environmental incident where that type of analysis would have been done. But I think that they're mostly dealing with -- because these investigations deal with,



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Page 137

1	you know, other types of incidents other than just
2	environmental. That's probably geared more towards the
3	PSM.
4	Q. But it doesn't say that, does it?

- A. No, it doesn't say that there. I don't recall ever using an RCFA in any evaluations I've done on these incident reports.
 - Q. On gas leaks?
 - A. On gas leaks, no.
- Q. Okay. I think you said nobody had ever categorized these gas leaks as an A or B; is that right?
- A. I've never had a gas leak categorized as anything above a C.
 - Q. That you saw?
 - A. That I saw.
- Q. Okay. You said you had this meeting with DEQ in May or June of 2012. Do you recall what statute you were talking about with DEQ or what regulations?

MS. WATERS:

Object to form. I think it was April to

May.

THE WITNESS:

No.

MS. BARNEY:

Okay.



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Page 138

THE WITNESS:

You got to remember, I have had a lot of -- my thoughts have not been on anything that happened at DuPont now for several years. I've got a lot of other clients that I've been involved in and my recollection of specific meetings with DEQ like that are kind of jumbled together over the years that I was with DuPont.

MS. BARNEY:

Okay.

THE WITNESS:

So I have very imperfect recall of specific details there, so that's the best I can do, you know.

BY MS. BARNEY:

- Q. All right. So your testimony about that meeting is more geared to what probably happened --
 - A. Yes.
- Q. -- or what was likely to happen than maybe what actually happened?
- A. The best I can recall is that we had a meeting and she asked for a report and documentation that supports that report. Beyond that, I don't know specifics about that, even to give you specifically what report that she looked at or what calculations she



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Page 139

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- Q. Or what gas you were talking about?
- A. Right.
- Q. Okay.

MS. BARNEY:

Can we take a quick bathroom break?

(A recess was taken.)

BY MS. BARNEY:

- Q. Mr. Long, when you -- I think you said when you were at DuPont in the environmental coordinator role, you reported to Matt Barnes; is that right?
- A. The last year, I guess, or year or so, I did.

 Before that, I reported to Barney Miller and then before that Don Janezic and before that a guy named Guy -- what was Guy's last name? It started with a T.

MS. WATERS:

Tannini.

THE WITNESS:

Tannini. Guy Tannini.

And before that was the plant manager that was there when I first got hired, and that was -- I can picture his face. Anyway, a couple times, I was reporting to the plant manager, Don Janezic and then John Ferguson. That was the first plant manager when I was hired. Other times, Matt was just really the tail



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Page 140

end of my employment. He was my supervisor for about a year to a year and a half, something like that.

BY MS. BARNEY:

- Q. Do you know why there was a shift in reporting from the plant manager to the person off-site in Matt's role?
- A. I think they -- I just guess what their intent was, but I think probably to keep maybe the environmental -- the department, kind of keep it reporting to someone other than the plant manager, to kind of keep that separate from -- even though, you know, they had some influence in your performance reviews and everything like that, but you were directly reporting to someone outside the plant management.
 - Q. Okay.
- A. I don't know that that accomplishes all that they would have intended to, but I think they probably wanted to keep some sense of separateness, you know, from environmental plant management there.
 - Q. Okay.
- A. Other parts, maybe maintenance or operations certainly were critical, you know. A plant manager, you know, their function or whatever is critical to them, but mine had to deal with -- you know, necessary dealing with corporate on certain environmental regulations that



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Page 141

were specific to that plant so I guess to keep it separate.

Q. Okay. All right. So but DuPont has -- strike that.

Based on what you're saying, DuPont has pretty extensive knowledge about environmental regulations.

- A. Yes.
- Q. They have basically a department that addresses or division or what is it called?
- A. They have safety health environmental professionals at the corporate level that have people that are knowledgeable in all aspects of, you know, safety, health and environmental that work looking over the whole DuPont's -- all of the plants in DuPont looking over and overseeing their -- I guess their oversight of their programs, you know.
 - Q. So there's sort of layers of responsibility.
 - A. Yes.
 - Q. Might be somebody at the plant level --
 - A. Yes.
- Q. -- at the two plant level like you were and then up above that?
 - A. Yes.
- Q. Okay. And so those folks know all about all the environmental statutes that might be pertinent to



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Page 142

DuPont.

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And I guess they know -- so DuPont knows that there are fines and penalties that go along with these statutes?

- A. Sure. Yes.
- Q. Okay. I guess they're also familiar with TSCA, the statute, the acronym TSCA?
 - A. Toxic Substance Control Act, yes.
- Q. Let me show you a document that we'll mark as Exhibit 10. It also has an Exhibit B on the bottom, which I think is from the complaint. So don't get confused by that.

(Whereupon Exhibit No. 10 was marked for identification.)

BY MS. BARNEY:

- Q. Exhibit 10 to your deposition, your copy may have the pages. Some of them turned one way ad some of them turned the other, so if you want to straighten it out, feel free. Mine does.
 - A. Okay.
- Q. This document, just for the record, the title of it is Toxic Substance Control Act (TSCA), paren, TSCA, close paren, Section symbol 8, paren, little E, close paren, Substantial Risk Information, hyphen, General Awareness and DuPont's Review Process. And then under



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Page 143

that sort of a subtitle, it says Standardized SHE, S-H-E, Mandated Training Module for U.S. Manufacturing Sites.

- A. Yes.
- Q. You've seen this before?
- A. Yes.
- Q. All right. This like a training module that employees at DuPont are trained on?
- A. Yes. I think it probably -- this particular probably existed in what's I think they call it learning management. It would be a module that's required for everyone to take.
- Q. Okay. So every employee at DuPont, basically, regardless of position, would --
 - A. Yes.
 - O. -- be shown this?
- A. Yeah. To be honest about it, probably most of them just fly through it just to get through it and say that they've taken it and wouldn't really pay a whole lot of attention to it. Most of the -- you know, the operators and mechanics -- well, mechanics. I take it back. Mechanics wouldn't do it. Operators would and any of the supervisors would be required to take it. So if they didn't have really environmental responsibilities, probably they would fly through this



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Page 144

thing, you know, and have -- maybe they could probably tell you what TSCA stood for, maybe.

- Q. Yes, but even like the secretary, would have to -- a clerical person would have to take this test, or no?
- A. Well, the clerical most of the time was not a DuPont employee. She was a contract employee and they weren't required to take it.
- Q. Okay. So only the DuPont official employees had to take this training?
 - A. Right.
- Q. And I called it a test. Is it a test or is it just a module?
- A. I think this -- I'm not sure whether there was a test offered with this course or not. Most of the modules in learning manager had tests with them just to see if you paid attention to what you were reading, but, you know, most of them, whether -- they keep answering till they got it right anyway, you know.
- Q. Okay. So I guess as the environmental person, you were pretty familiar with this training module or no?
- A. Probably familiar -- we didn't really deal with TSCA really on the plant level as much as they did in corporate. We were required to take the module so we



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Page 145

had probably a general awareness of that, but we didn't get a whole lot of specifics. Most of the employees didn't get to any specifics of that. Me, maybe a little bit more than others, but there's always someone in corporate that did all of the reporting for us and that was something that did not happen on a regular basis. How it happened, I think it first started out every four years and went to five years and then now they're back to four years, so that's only an update inventory that's taken in all of those years and then someone in corporate is responsible for putting that together or assigning that to someone, perhaps on Matt Barnes' level that would do -- actually do the reporting.

- Q. So you're talking about a report under TSCA --
- A. Yes.
- Q. -- maybe not under Section 8E, but somewhere under TSCA that requires a report every so many years, like every four years or two or something like that?
- A. It's actually -- yeah. Like it started out as four years and they tried five years and that didn't work, so they went back to four years, I think, and the last one probably was maybe 2012 where that was required so it won't be required again until 2016.
 - Q. All right.
 - A. But that's actually on inventory it's done on the



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Page 146

chemicals that are covered that are part of the substance inventory, TSCA.

- Q. All right. And that is not the type of reporting that we're -- that's discussed in this module; right? This module speaks to Section 8E and what you're talking about it is a different section in TSCA?
 - A. I think that would have been, yeah, in Section 8.
 - Q. But it may not have been the E; right?
- A. Right, E. I don't -- I don't know specifically what E refers to here, but it would have been -- but there were -- in Section 8, there are some -- there is a specific list that's listing in the regulation for those that are -- that would have, for instance, information that's to be reported. There's a list of chemicals.
- Q. Okay. And SO3 is on the list of toxic substances that is subject to the Toxic Substance Control Act, is it not?
- A. It's subject to the substance there, but during this specific 8E --
- Q. I'm just talking about -- my question is just is SO3 one of the chemicals that is on the -- that's subject to Toxic Substance Control Act? Is it on the list of toxic substances?
 - A. Yes. Yes.
 - Q. And what about SO2?



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Page 147

- A. I am not sure whether SO2 is or not.
- Q. All right.
- A. I don't know that I've gotten into that much detail to remember whether it is or not.
- Q. So it's your recollection that under TSCA, there's some periodic reporting, the reports you have to do no matter what happens, every so often; is that right?
 - A. Right.
- Q. And your testimony is that those reports are done at the corporate level at DuPont?
- A. Yes, or someone above the plant level. I'm not sure how that gets passed down, but it's certainly above the plant level.
 - Q. Okay.
 - A. Above --
 - Q. So it wasn't your job at DuPont to do that?
 - A. No, it was not.
- Q. All right. So this module is going through information that people at the plant level are receiving about TSCA and TSCA's requirements about substantial risk information; is that right?
 - A. Yes.
- Q. Okay. I believe in here -- and I can try to find the exact page -- but it refers to a TSCA review



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Page 148

committee. Are you familiar with that?

- A. I'm not.
- Q. So during your time at DuPont, you never heard the term "TSCA review committee"?
- A. If I did, I don't remember that. I mean, very little did we deal with TSCA, so it was not a point of emphasis so that I would not recall whether we talked about it specifically or not.
- Q. Okay. But you don't recall ever, you know, getting an e-mail or receiving any sort of memo that told you that you were on the TSCA review committee for the --
- A. No.
 - Q. -- Burnside facility, for example?
 - A. No. That was all done above me.
- Q. If there were such a committee that was above you; is that what you're saying?
 - A. Yes.
- Q. This training module -- all right. The introduction on the second page says, "This TSCA Section 8E training will provide, one, an overview of TSCA Section 8E and, two, an overview of the process to be followed within DuPont for submitting potential TSCA Section 8E information for review."

So that's sort of the scope of this module;



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Page 149

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- A. It appears to be, yes.
- Q. When you were at DuPont, did you take this training module?
- A. I'm almost sure that I would have. There would be some documentation of what courses that I took over my career with them because I saw a tract.
- Q. As the environmental coordinator, were you supposed to sort of educate the rest of the group at DuPont on this module?
- A. We didn't have any formal education other than this module, or if someone asked question about it, I would have -- I'd find out the answer for them. But, no, we didn't have anything other than this module there to educate the employees on that.
- Q. Okay. Did everybody, including you, have to go through this module once a year?
- A. I think that was the frequence. Probably. I can't answer for sure. There was so many modules that we had to go through that we were required to do, you know. This was probably one of them that we did on an annual basis.
 - Q. Okay.
- A. It's kind of hard -- if you don't do it annually, it's kind of hard to do it at all. You would have to



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Page 150

have some -- you know, you couldn't do it every few years and expect anybody to retain anything, you know.

Q. Okay. If you look down, it's under company standard. It says S4V and --

MS. WATERS:

What page are you on?

MS. BARNEY:

Still the second page of the document. Lori, do you know whether y'all produced S4V? I know there was list of standards and policies that you were working on.

MS. WATERS:

I don't think so.

MS. BARNEY:

 $$\operatorname{If}$ you could put S4V, make sure that's on the list, I'd appreciate it.

BY MS. BARNEY:

- Q. Company standard, Mr. Long, on the second page of this document where it says S4V.
 - A. Uh-huh.
- Q. That's a standard that you can pull up on the computer?
 - A. Yes.
 - Q. Have you ever filled out one of those forms, S4V?
 - A. I'm not aware of whether it's a form or not. I



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Page 151

thought it was just a standard written statement about policy.

- Q. Oh, I haven't seen it, so I'm not sure.
- A. I don't think it's a form. I could be mistaken, but I think it's just a DuPont standard regarding a specific environmental -- probably an environmental standard.
- Q. Okay. So S4V is going to be sort of like an instructional or philosophy kind of document, guideline sort of thing; it's not really a form?
- A. That's what I remember about it. I don't remember specifically what it's entitled, but...
- Q. Do you recall ever using the S4V in connection with any work at DuPont?
- A. I don't -- I don't know of any specific work I've done. I just know that I would have reviewed it, looked at it. I don't know that it's ever been applied to anything that I did, no.
- Q. All right. So the third page talks about what the person that takes the course is supposed to walk away with, and under that is -- I'm not going to do every one of them, but "Understanding how and where to submit potential substantial risk information for internal DuPont review."

Do you see that?



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Page 152

A. Yes.

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Q. Okay. And "Understand the penalties for failure to comply with TSCA."

That's the second from the bottom; right?

- A. Yes.
- Q. Okay. And understand your rights with respect to TSCA?

Then the next page kind of outlines the course topics like -- and I guess this is a Power Point; is that what this is, or do you know?

- A. I think this is Power Point.
- Q. Okay. It goes through an overview of TSCA, what is not substantial risk information, what might be substantial risk information, how to report internally and penalties and notifying the submitter of the reporting decision.

As long as you were at DuPont, do you recall receiving any forms filled out by anyone pursuant to the TSCA reporting provision?

- A. No.
- Q. Okay.
- A. Other than employees having taken this course, this module right here, I wasn't aware that anyone would -- you know, had any involvement or knowledge of TSCA other than this there and I've never seen anything,



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Page 153

any form, any report or otherwise.

- Q. Okay. If you go to -- unfortunately, these aren't Bates labeled so I'll have to count. I guess the ninth page, it's got a heading number 3 at the top.
 - A. All right.
- Q. Okay. This talks about what might be substantial risk information; is that what it is at the top?
 - A. Yes.
- Q. Then it says under the second bullet, substantial risk information falls into three categories: Human health effects, environmental contamination emergency situation, and environmental contamination non-emergency situations; is that right?
 - A. Yes.
- Q. Is that your understanding of the DuPont standard at Burnside is that this was sort of your guidance on TSCA's substantial risk?
- A. I'd be honest with you, you know, we really didn't deal with TSCA on the plant level very much, so I would be just saying that --
 - Q. You're just kind of reading it?
- A. Yeah. Just reading it here as I see it, and I don't see anything that would contradict what the philosophy at the plant level would be.
 - Q. Okay. If you turn to -- just a moment -- 17,



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Page 154

which has another three at the top.

- A. All right.
- Q. And then this one, the three at the top of this page says what might be substantial risk information; do you see that?

MS. WATERS:

That's a different page. There you go.

THE WITNESS:

Yeah.

BY MS. BARNEY:

- Q. Okay. And the first bullet says, "Employee, neighbor or customer concerns"; do you see that?
 - A. Maybe I've got a different list here.
- Q. Should be the 17th page. Here we go. "The additional examples of sources of potentially reportable information as follows: Employee, neighbor or customer concerns," the first bullet; do you see that?
 - A. Yes.
- Q. Did you ever, based on what you said so far -- I think I know the answer, but I just need to ask you all of these questions. Did you ever report anything under TSCA up the chain at DuPont when you got an employee concern about gas leaks?
 - A. No.
 - Q. What about when you got a neighboring call, like



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Page 155

somebody driving down River Road or somebody from living in a neighborhood nearby; did you report it as a possible TSCA substantial risk information?

- A. No.
- Q. There's a certain form, I think, if you flip over -- let's see, we're on Page 17 now. If you go 18 -- actually, stop on 18. Sorry.

It says, "If in doubt about whether or not the information should be submitted for internal review by the TSCA review team, then submit the information as instructed."

The second bullet says, "Additional guidance/discussion on what type of information that is potentially reportable can be obtained from any TSCA review team member or from any TSCA SBU coordinator."

Do you know what a TSCA review team member is or a TSCA SBU coordinator?

- A. No.
- Q. Okay.
- A. I would only guess. I don't know what those are.
- Q. All right. Then the next page, which I think is the 19th page, at the top bullet, it says, "Complete Page 1 of the TSCA Section 8E, potential reportable form, and submit preferably electronically as directed on the form."



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Page 156

	Is	that	a	form	that	can	be	found	on	the	computer
at	DuPont;	do y	you	ı knov	13						

- A. I've never seen it, so I can't tell you where it could be located at.
- Q. Okay. Second bullet says, "The most current form can be found on DuPont intranet by click on SHE," which I understand stands for Safety, Health and Environment, "then on regulatory, then on TSCA, then on TSCA 8E."
 - A. Then I could find it, yes.
 - Q. Okay.
 - A. I didn't read the instructions there.
- Q. Yeah. I didn't either when I asked you the question.

So you've never done those steps on the computer to get to that point?

A. I've never -- as far as I know, I've never needed to so I didn't go that far.

MS. BARNEY:

 $\,$ And, Lori, I guess we just need to put that form on the list along with that S4V.

MS. WATERS:

Okay. We'll see what we can do.

THE WITNESS:

S4V should be on that same site.

MS. BARNEY:



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Page 157

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Okay.

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THE WITNESS:

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out from there as well.

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BY MS. BARNEY:

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Q. Would you have any reason to believe that that form that's referred to here is the same as the initial incident report form?

So you can pull that up and print that

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A. I haven't laid my eyes on this, so I don't know if there's any similarities at all, so I don't know.

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Q. But nobody has ever told you that --

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A. No.

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Q. -- initial incident report form is the same as this other form?

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A. No, not to me, personally.

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Q. Okay. Have you ever had any conversations with Matt Barnes about TSCA?

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A. Other than when we were doing the four-year or five-year update, like that is the only conversations I had so we can pull together the chemical inventory numbers to report it.

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Q. Okay.

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A. And that happens so infrequently. And the last time they did it, I wasn't even there. So this would have been four or five years ago and it wouldn't have

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Page 158

been him. It would have been somebody else.

- Q. Did you ever get a call from anybody in human resources to say that one of the Burnside employees was concerned about responsibilities under TSCA and would you please steer them to the right form for that?
 - A. No.
 - Q. Have you ever talked with Tom Miller about TSCA?
- A. No.
 - Q. What about T.J. Osbun?
 - A. Just passing, he mentioned in a conversation that -- he said that Jeff had mentioned something about TSCA, but this has been since I left DuPont. And I didn't get into any details with them and I just kind of dismissed it because it was talking about reporting under TSCA there and I didn't quite know where he was coming from. I didn't get into it any more. Other than your conversation on the telephone several weeks ago, first time I heard it again.
 - Q. Okay.
 - A. So -- and then today.
 - Q. All right. And then let's see the next -- all right. This page, which is, if you look and find your way there, after this one. One more page.
 - A. How to report internally and to whom? Is this it?



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Page 159

- Q. Yeah. Now flip one more page.
 - A. All right.
- Q. This second bullet on this page says -- this one is called "How to report internally and to whom."

 Second bullet says that the review team members are listed on the second page of the form. So if we had the form, then I guess we would know who the review team members are.
 - A. Yes.
- Q. And supposed to be, apparently, one representative from Haskell Laboratory?
- A. Yes.
- Q. From the corporate safety health and environment and sustainable growth center?
 - A. Yes.
 - Q. And from legal?
 - A. That's what I read.
 - Q. Have you ever heard of Haskell Laboratory?
 - A. Yes.
- Q. What is that?
- A. It's the kind of official DuPont laboratory that whenever they're considering making a new product, they go through all of the quality characterizations and evaluations on chemicals that they consider

25 | manufacturing.



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Page 160

Q. Okay.

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- A. So it's located in -- I think it's in New Jersey.
- Q. All right.
- A. They have a lot of data up there on everything that DuPont manufactures.
- Q. Who do you know that's above you in the chain of reporting, I guess, or I don't mean -- let me strike that.

In the chain of command, for lack of a better word, above you in the safety, health and environment group at DuPont? That would be Matt Barnes?

- A. Matt Barnes. Let me think of some of the other ones that would be up there. There's a number of them that work in Wilmington. I'm trying to think of some names right now.
 - Q. Now, who's above Matt; do you know?
- A. Matt's supervisor is Guy, who is a -- he's like an operations manager for all of the plant managers, so he reports to him and then Guy reports to like the vice president that has all of the sulfur products so...
- Q. Okay. So Matt doesn't report to an environmental person; he reports to an operations person?
- A. He's -- yes. I think that's the way it goes, unless it's changed since I was out there.
 - Q. Okay. Then bottom bullet on this same page says,



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Page 161

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"The completed form should be promptly submitted to the review team as the time period for reporting to EPA generally is 30 days."

Were you aware of that time period, the 30-day time period, with regard to any notifications under TSCA?

- A. I'm aware of it now. I was more probably aware of it when I took this module, but I don't remember that.
- Q. Okay. And then the next page talks about penalties, up to 37,500 a day, and it talks about employees having -- if employees use this form or this process that DuPont has created or internally reporting under TSCA, then they're relieved of liability under TSCA. Is that what it basically says?
 - A. That's what that last paragraph is saying, yes.
- Q. Okay. The next page talks about notifying the submitter of the reporting decision rights under TSCA. I take since this is all sort of not really something you worked with too closely, you never had the occasion to go back to someone and say your concern about a TSCA violation has been reviewed and we either did or didn't report it to the EPA; right?
- A. No. I have never seen anything -- I've never seen any notification. I've never seen any follow-up or



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Page 162

aware if any follow-up was done to a notification that was submitted. I'm not aware of one that was submitted, so...

Q. Okay. You never -- I think we covered this, but you never steered an employee who had concerns about gas leaks to the TSCA form?

MS. WATERS:

Asked and answered.

THE WITNESS:

No.

BY MS. BARNEY:

Q. All right. Let me show you a document that I will mark as Exhibit 11 and ask you to take a look at that e-mail. This is -- and I don't know if it's a Bates number. It may be, but I'm using Exhibit J to the complaint, but it's probably a Bates number that I don't have.

(Whereupon Exhibit No. 11 was marked for identification.)

MS. WATERS:

Doesn't look familiar. Let me see if I can find it.

MS. BARNEY:

Did you switch yours to date order?

This one has some handwriting at the top



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Page 163 Says "First quarter environmental report". 1 2 MS. WATERS: Okay. This one's it. It's not as 3 pretty. 4 MS. BARNEY: 5 Is it the same document? 6 MS. WATERS: 7 It's the same. It's just that I don't 8 9 have like the handwriting on top. MS. BARNEY: 10 For the record, what's the Bates number? 11 12 MS. WATERS: 13 Bates number is DSF 000911. MS. BARNEY: 14 Okay. So we're attaching the version 15 that is Exhibit J to the complaint, but the same e-mail 16 has that Bates number and it is dated March 27, 2012. 17 BY MS. BARNEY: 18 19 All right. Mr. Long, this appears to be an 20 e-mail from you to a group of people; is that right? 21 Α. I would send this out to the whole plant, really. 22 0. And this was for the first quarter of 2012? 23 Α. Yes. 24 And, basically, I think you're saying here there



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were no Title 5 permit deviations during this quarter.

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Page 164

That's a sentence down in the middle of the e-mail.

- A. Yes.
- Q. And then it says, "There were no significant environmental management system changes during this quarter."
 - A. Right.
 - Q. What does that mean?
- A. Well, environmental management system is an acronym, EMS acronym the way that ISO 14001 calls your management system. They specifically say that all the things that you have in place to make sure that you're managing your environmental programs correctly is part of your environmental management system. So we are —by that statement, I'm just saying that there weren't any changes within ISO 14001 that required anything to be any of that progress to be updated in this particular report.
 - Q. Okay.
 - A. Or e-mail.
- Q. And then it says, "Overall environmental complaints in one quarter 2012," which I guess means the first quarter.
 - A. Yes.
 - Q. "Was excellent."

When you say environmental compliance, what does



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Page 165

that mean? Does that mean permit compliance or something broader?

- A. Probably. Probably broader, because it's not just permits. It's probably all inclusive and -- but I'm specifically here referring to like environmental incidents there. That's the last sentence there. I say a goal is for no A and B incidents -- environmental A and B incidents, and I see our goal is zero.
 - Q. What is the significance of that sentence?
- A. That statement? Just merely reflecting that we did not have any serious environmental incidents during that guarter.
- Q. So if there were C incidents with the letter C, then they weren't necessarily captured in this report?
 - A. No.
- Q. And that categorization is an internal DuPont standard?
- A. Yes. I didn't have any control over that. That point system that you see like in the management central incident reports there assigns that -- certain values and there's thresholds for each category there, so...
- Q. Okay. What is the off-site significance? I've heard a lot -- I think you mentioned it and there were some log reports that mentioned whether gas is traveling off-site. What is the significance of that? Did it



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Page 166

come from this internal categorization process?

A. That would be part of the rating. If it did get off-site, then that would change the rating because I think — if you look on there, there is a place that when you rate it, whether it got off-site, then that would change — the points there would make it a more serious incident and possibly bringing it into a Category B.

- Q. Okay. So when you're making this report, you're not saying that there was never a release of toxic chemical to the air during the first quarter of 2012; right?
- A. No, I can't say that because there's -- you're always having an emission, you know, from your stack, you know, but we have permit limits on that, so I would report it if there was a deviation from that permit limit.
 - Q. Okay.
- A. Where we exceeded that permit limit, that would go on this report.
 - Q. Okay.
- A. But, no, we wouldn't capture -- for instance, you're referring -- probably referring to leaks around the HIP and CIP. No, we would not have reported that in here.



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Page 167

Q. Okay. Even though those might have been a release of a toxic chemical to the air at the plant, it didn't get scored as an environmental A or B incident, so it didn't make it into this e-mail report?

MS. WATERS:

Asked and answered.

BY MS. BARNEY:

- Q. Is that right?
- A. Yes.
- Q. Okay. And in doing this e-mail report, you weren't trying to address anything other than environmental -- strike that. Let me start over.

You weren't addressing safety issues like OSHA issues?

- A. No.
- Q. Or employee hazard issues?
- A. Yeah.
- Q. Separately from just the environmental --
- A. Right.
- Q. -- reporting that you've done here --
- A. That's actually -- this is a progress report on the environmental management system that's part of ISO 14001 requirements. You have to do that on a quarterly basis letting the employees know how effective your environmental management systems are and this is just a



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Page 168

-- it's kind of a free format that I came up with to kind of highlight, you know, what we're doing, what we're making progress toward, to kind of let the employees know that, you know, these are the systems in place. These are working. This is -- this is, you know, what we've done, you know, made excellent, you know, and these are the ones that we're working on, those types of things. So it's just an update of the progress of the environmental management system. And other than ISO 14001, this kind of thing probably wouldn't exist. There could probably be a way to formalize this more, but we chose to do it in e-mail fashion and communicate it to the employees through e-mail.

- Q. Okay. And so I guess since we've talked about TSCA a good bit and the fact that you really didn't use or refer to TSCA very much in your job, you didn't consider TSCA when you prepared this e-mail; right?
 - A. No.
 - Q. Okay.
- A. Someone would have to -- corporate would have had to tell me that there was a need to include that in this report under TSCA and, you know, all of our discussions with ISO 14001, those that have implemented it from the corporate level down to us never communicated that to me



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Page 169

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so that I would have included it in this report.

Q. All right. You're not in a position to say when

really trained on that or expected to report on that?

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you're writing this e-mail whether or not the plant was in compliance with TSCA or not because you weren't

I didn't have expertise in that particular That was done on the corporate or below regulation.

corporate level, anyway, a level higher than me, so...

And as far as you -- you didn't receive that instruction by the time you left DuPont in late July of 2012; right?

Α. No.

Do you know whether Guy Tannini came out to the Burnside plant from time to time?

I don't know how many times, but he generally came out every couple months or so.

Okay. So he was aware of this hose system, this black plastic hose system that was being used to try to capture the leaking gas?

MS. WATERS:

Object to form.

THE WITNESS:

I could only guess whether he was aware of it. I assume that he would be because these reports that were in management central, he saw these reports,



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Page 170

so everybody, you know, from our plant level on up through corporate saw these reports.

BY MS. BARNEY:

- Q. And the report sort of at least -- some of the ones we've looked at at least refer to losing vacuum --
 - A. Uh-huh.
 - Q. -- or a vacuum box insert.
- A. Yeah.
- Q. And you're thinking is that they probably also refer to the hoses from time to time?
 - A. Yes, because I know it...
- Q. I'll show you one that we'll mark as Exhibit 12 and it's Bates labeled 20 through -- let me see what the last page is. I'm sorry. 20 through 23.

(Whereupon Exhibit No. 12 was marked for identification.)

17 BY MS. BARNEY:

- Q. That's a report -- an investigational report from back in August of 2011; is that right?
 - A. Yes.
 - Q. And that's a leak on the --
 - A. Converter.
 - Q. Converter?
- A. Yes.
 - Q. And that's referring to the hose and the hose



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Page 171

melting down; is that right?

- A. Yes.
- Q. Okay. Can you tell from that document at the end of it that it was actually submitted or issued into the management system?
- A. It says on August 11th that Thomas Miller -- the status updated to issued so it was issued.
- Q. Okay. So that's what you were referring to earlier. If an investigational report referred to the hoses and vacuum system with the hoses and it was issued into the management system, then people like Guy Tannini and Matt Barnes would have access to that?
- A. Yeah. I think everybody at DuPont had -- at least the C personnel would have -- and operations personnel would have this -- be able to go into this. They would look at it to see if -- other plant managers would look at it to see if there's anything there related to their plants there that they could use the information or to help them. So that's what the purpose of the management central was.
- Q. All right. Did you ever have any specific conversations with Matt Barnes about the plastic hose and the metal box system?
- A. I'm sure we did, but we kind of did that on -- more of on a plant level. He was aware of that. I'm



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Page 172

sure we've had conversation, but it was not anything that I raised to him as an issue or anything.

- Q. Did he ask you how long, you know, are they going to operate with these hoses and when are they going to do a permanent repair and that sort of thing?
- A. No. I mean, we discussed whether we were going to do a permanent repair when the exchanger started leaking. We knew that they had to redesign the exchangers and they were in the process of doing that. It took a lot of money and a lot of work to get that design. They had to redesign it so we kind of said, you know, that issue, that probably won't go completely away until we get it redesigned. We've had those kind of conversations, but, you know, I don't know about saying anything specifically about the hoses. I don't think we have ever discussed that.
- Q. Okay. He never asked you how many times the hoses were melting down, how frequently, anything like that?
 - A. I'm not aware of --
 - Q. He didn't ask you, as you recall?
 - A. No.
- Q. What about Mr. Tannini, did he ever call you and say what's this about, a hose meltdown, how often was this happening?



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Page 173

- A. He probably would have done -- directed that question to Tom Miller who would have asked Gene Clemons about that.
 - Q. But you don't --
 - A. But he's never called me directly and asked me that.
 - Q. And you don't know whether he called Tom Miller or not?
 - A. No.
 - Q. But he's physically been at the site?
- A. Yes.
 - Q. So he saw the black hoses up there?
- 13 A. I can't --
 - Q. If he walked around to look at the plant --
 - A. If he walked around and I'm sure he did because every time he's been there, he's walked around so he should be -- I'm just guessing he should be aware of this.
 - Q. Okay. Have you ever been aware of Mr. Tannini being at the Burnside plant at night?
 - A. I'm sure he was there during some start-ups we've had because he had come for a few days like that. If we had a start-up, you know, he would be involved and he would probably stay into the night.
 - Q. What kind of start-up would prompt him to come,



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Page 174

like new equipment?

A. No. He wouldn't come for -- for instance, just like we put in -- when we did do absorption, started that up, he would have been here for that start-up because that involved several days and extending over to night. You know, he wanted to see how the plant was going to perform when it got up, you know, so he would have been there for that.

- Q. That was back in like '09?
- Probably '09 and then perhaps when we had an outage one time for several weeks when we had a -- I'm trying to think what particular piece of equipment went out and they had to completely rebuild it. It was out for several weeks. He probably was here during that time. He may have stayed at night, but, you know, at that time, the plant would have been down, you know. So, in fact, the only time he would have probably been out here for any extended period of time when the plant was running was when they had the initial start-up in I'm just guessing. There may be other times that he was probably out during this visit during the day and he might have stayed over into the nighttime. didn't make it a habit too much of noticing how much he was around or not around. I just know that he made regular visits.



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Page 175

- Q. Okay. As far as you know, there was no cold shutdown of the Burnside plant between December 2011 and the time you left; right?
 - A. Cold shutdown?
 - O. Yes.
 - A. I'm sure that there probably were some.
- Q. Okay.
 - A. I remember specifically sometime in 2012 there was a shutdown to repair some of the leaks that were on the -- they had hoses on the CIP and the HIP. I'm not sure what month that was, but I know we had shutdowns to do that type of repair work.
 - Q. Okay. If some of the other witnesses, including I think Tom Miller, testified that there were shutdowns but not cold shutdowns --

MS. WATERS:

Object to form.

BY MS. BARNEY:

- Q. -- would you have any reason to dispute that? Do you know -- go ahead and answer that.
 - A. There were shutdowns but not --
 - Q. They were hot shutdowns.
- A. The hot shutdowns? I remember a cold shutdown when they had to go completely cold to be able to get into that exchange area. We had other times where we've



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Page 176

-- they had to have hot shutdowns where they could go with the equipment still hot, fix it and go back there, but I remember -- I don't know what month, but I do remember going cold because they had to pull insulation away from the HIP and the CIP, whichever equipment they were working on there, and actually get in there after the equipment had cooled down.

- Q. Do you think --
- A. So it was probably maybe once, you know, in 2012 I think we did that, but probably several times were hot shutdowns where they got it just cold enough to work on it there and then were able to come and start the plant back up again.
- Q. Do you think maybe you could be thinking of a cold shutdown before December of 2011?

MS. WATERS:

Object to form.

BY MS. BARNEY:

- Q. Because you left in June or July -- you left at the end of July 2012.
 - A. It is possible but --
- Q. Just because the documents and testimony so far have indicated there was not a cold shutdown after December 2011 until September 2013.

MS. WATERS:



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Page 177

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Object to form.

THE WITNESS:

Okay.

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BY MS. BARNEY:

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Q. So I just want to -- if you specifically remember --

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A. No, I don't specifically remember --

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Q. -- that it happened a certain month --

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A. I just remember within it seems like months of me

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no longer working with DuPont that there was an

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opportunity to have a cold shutdown to do work on the

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HIP and the CIP. But my several months may have been six months or longer, you know, so I could be wrong.

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could have been the end of 2011.

And do you recall maybe there being a planned

I weren't really privy to planning shutdowns

I kind of knew after they had already planned it

I kind of hear about the shutdowns after the

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shutdown or several planned shutdowns that didn't

happen, like they were going to shut down but then

something occurred that caused them not to take the

shutdown? Do you remember any of those discussions?

there, which would have given me information to know

down or changed their mind about shutting down.

and set it in place whether to shut it down or not shut

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Page 178

was kind of after the fact for me.

- Q. All right. I think you said that you wouldn't dispute that the hose and the metal box system may not be catching all of the gas that was leaking out of the equipment; right?
- A. I can't say that it would not, but I can't foresee that it would catch every bit of fumes coming off of it.
- Q. And when a hose would melt down, it would lose vacuum, then the leaking area would leak pretty visibly or be noticeable; right?
- A. Yes. And it would have to be replaced. They might have to reduce rates or even shut down if, you know, it got bad.
- Q. And you testified that you only did maybe two or three calculations on two or three holes -- well, two or three calculations which would reflect two or three holes --

MS. WATERS:

Asked and answered.

BY MS. BARNEY:

- Q. -- leaking; is that right?
- A. There -- I'm just recalling how many times.

 There may have been more. I just don't recall if
 there's more. I didn't do a lot, but I certainly did



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Page 179

two or three.

- Q. Based on that, you could not tell us -- if somebody wanted to call you to trial and put you on the stand and tell us how much SO3 gas has leaked out of the HIP, the CIP, the converter, the superheater or the ductwork or the plenums attached to them between December 2011 and the time you left DuPont, you couldn't tell us that; right?
 - A. I don't think anybody could.
 - Q. All right. And you're not --
- A. We just made a best estimate assuming worst case in our estimations, you know, hole size, you know, pressures and temperatures and that sort of thing, our best estimate of the worst case.
- Q. Okay. When you were asked to do that by the plant manager for an investigational report; right?
 - A. Yes.

And it wasn't just the plant manager. It may have been -- Elizabeth I know has asked me to do that in the past, if I remember right. She has asked me to do a calculation for that or put together a calculation for that in her putting together an incident report so I've probably done that for her as well.

- Q. Investigational report?
- A. Yeah, an investigational report. Do a



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Page 180

calculation for it.

- Q. Okay. You said incident report, but you meant investigational report; is that right, because --
- A. Either one we would have made some kind of attempt to doing a calculation. What those are, I don't know, but certainly with these reports --
 - Q. The investigational?
- A. The investigational reports, we would require a calculation.
 - Q. Okay.
- A. Maybe some of the incident reports we did not do calculations.
 - Q. Okay.
- A. Because it involved -- they had a hose that was replaced right away or something like that and we couldn't even get a look at what the hole looked like, you know, so we didn't do a calculation.
- Q. Okay. Let me just direct your attention back to Exhibit 10. I think you may know the answer to this, but if you need to flip back through, feel free. This module does not refer to any reporting -- reportable quantity that may be in play for TSCA; is that right?
- A. Without going through it, I don't remember going
 -- when we went through it earlier, I don't remember
 seeing anything about reportable quantity.



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Page 181

- Q. Okay. If it's not in here, do you have any information separate from this module that would say that there's a reportable quantity in connection with TSCA?
- A. I have very limited knowledge of this regulation so...
 - Q. So you would say no?
 - A. I would say no.
 - Q. Okay. I just didn't know if she heard you.
 - A. Yeah.
 - Q. Okay. Why did you leave DuPont?
- A. I worked -- as I explained to you, I worked for Eagle before, and they had a manager that left and went to another consulting company. And the owner of the company approached me and asked me if I would consider coming back. And since I had done mostly air consulting/air compliance work before, I looked at it as an opportunity to get back to doing the kind of specialty that I was involved in before. So talked to him, discussed salary. He made it affordable for me to be able to do that. These guys I had worked with were friends of mine. I left that company to go to DuPont on good terms so it was kind of natural for them to ask me if I would come back when this other guy left. I did. So I left Eagle going to DuPont on good terms and left



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Page 182

DuPont going to Eagle on good terms.

- Q. Do you still have friends at DuPont Burnside?
- A. Yeah. They're not close, close friends, but T.J. is one of my buddies over there. I speak to him probably more than anybody else. Some of the other folks I run into or talk to occasionally, not too many. Matt Barnes, I talk to him probably every few weeks or so, but it's mostly related to them trying to find something maybe that I had done before, trying to find out where that's located, how did I do it, that kind of thing. Just kind of help them along has they're transitioning.

T.J. does not have a very strong environmental background. He's mostly from the operation and safety standpoint there so I kind of helping him along as well as Matt helping him to kind of to learn that part of it, you know. And I was glad to do that.

So I've helped them kind of off the books. I haven't charged them for any of that kind of thing.

Just giving him information, I thought it would be helpful to him.

- Q. So DuPont is still a customer of your company?
- A. Yes.
- Q. But not the air division?
- A. No. We haven't done -- other than like that



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Page 183

1 monitoring for --

- Q. The groundwater?
- A. -- the closed vent system, monitoring that we do once a year, that's the only close thing to air work that we do for them. Everything else involves groundwater monitoring where they sample and do reports on the surface endowments.
- Q. Could you potentially do that air work for DuPont if they asked you to do that?
- A. Well, if they got to the point where they needed to do a permit modification to expand their facility, yes, they would maybe consider me. I don't think there's anybody in-house that could do that for them so I made it known to them that I -- you know, give me an opportunity to do that work if you need it in the future. So there's potential there.

MS. BARNEY:

All right. Real quick review. Do you

have any?

MS. WATERS:

Just a few.

MS. BARNEY:

Why don't you go ahead and I'll follow

24 | up if I need to.

If you want to take a break, we can do that.



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Page 184

I'm not trying to throw it to you.

MS. WATERS:

Can we take a quick break?

MS. BARNEY:

Yes, we can.

(A recess was taken.)

EXAMINATION BY MS. WATERS:

Q. Mr. Long, I apologize. I'm going to jump around a little bit, just going through some of your testimony earlier.

At the beginning of the day, you testified that it was difficult for the Burnside plant to find another person to fill your job. Do you know why it was difficult to find someone for your position?

- A. I think they wanted someone with a substantial amount of environmental experience and the candidates that came through maybe were not -- didn't have the level of experience or maybe their salary demands were such that they couldn't come to an agreement.
- Q. Just a little bit ago, you said that T.J. Osbun, who actually filled the position now, had very little environment experience. Do you know why they filled that position with him if he didn't have that much environmental experience?
 - A. I think it ended up being probably cost



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Page 185

considerations. Corporate -- DuPont corporate, when it comes to hiring, moves very slow. I was hired -- they approached me about coming to work for DuPont a year before I ever came there. It took them that long to get me through the system to get approved to be hired by So it doesn't happen very fast and if you're doing a -- there's some changes going on with DuPont. Ι don't know if he was aware that they had some cost-saving measures to be able to -- they were -- the company was either for sale or they're going to roll the company into some other company now there. So they probably cut back on the purse strings a good bit and probably that was a good bit of it involved in these cost-savings measures. They didn't have the money. takes forever to get someone approved there. So T.J. had enough savvy and experience at the plant that he is able to pick up just about anything that you throw at him so...

- Q. Okay. So you're confident that he's able to do this job?
- A. I'll help him as much as he needs to to be able to transition there, but I think he's picking up a lot of the stuff already on his own. And, of course, he works with Matt, who has probably not as much environmental experience as I did, but Matt has been



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Page 186

around a good bit and has worked for the other plants there. So he used his cumulative experience with the other acid plants like that to kind of help T.J. go along and T.J. -- I think he's doing a good job from what I understand.

Q. Okay. Great.

I apologize. I think I missed this, but when you were at LSU to get certified, I think it was between 1991 and 2000, I didn't catch what your certification was.

- A. It's called a certified environmental -- professional environmental manager.
 - Q. Okay.
- A. And it was a program incorporation with DEQ and LSU. LSU offered the courses and DEQ gave the certification or certificate. It was just the ability. I didn't have -- when I started with C-K, I didn't have a lot of environmental experience so it was a way to get some coursework done without having to go back through another four-year program or something like that and get the type of training that they would need.
 - Q. Okay. Got you.

Moving along, I had a question about the inlet analyzer. Was the inlet analyzer that measured the SO2 continuous?



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Page 187

- A. Both the inlet and the stack analyzers measured continuous.
 - Q. But not for SO3?
- A. They may have the capabilities of doing that, but their primary function is to provide SO2 concentration.
 - Q. Okay.
- A. You're asking me things that I have to think about now that I haven't -- like I was saying, I have not given this very much thought so I'm just kind of asking myself -- as you ask the question, I'm asking myself where I have thought about that before so some of the questions might not be -- the answers might not be as smooth.
- Q. You're doing pretty well. Your recall is doing pretty good. Better than I would.
- A. The older you get, the more -- you start replacing that with other opportunities. I've dealt with a number of other clients there and haven't thought about DuPont in a long time like that. Recalling some of the specific details about these things is kind of hard on this old brain.

MS. BARNEY:

Which story went with which person;

right?

THE WITNESS:



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Page 188

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Yeah.

BY MS. WATERS:

- Q. Earlier, you testified about the DEQ coming out sometime maybe in April or May of 2012.
 - A. Yes.
- Q. Do you recall how many times the DEQ came out there while you were working there?
- A. For these types of incidents, there was like -- I'm just aware of about two times, I think.
 - Q. So just dealing with gas leaks, just two times?
 - A. Two times that I'm aware of.
 - Q. Okay.
- A. There may have been another time, but I'm not aware of that right now. Most of the other times would have been doing a regular inspection they do. They're required to annually do a -- what's called like an air compliance inspection or Title 5 facilities are required to be inspected by DEQ on an annual basis. So they would look at all of those kinds of things during -- they're not necessarily investigating incidents but looking to see how you're complying with your Title 5 permit.
 - Q. So that's annually; correct?
 - A. That's annually, yes.
 - Q. Do you know what time of year they come out?



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Page 189

A. Normally, in the latest year, they've been known to come out like on the day that you want to take off for the holidays because they're trying to cram in all of their inspections at the end of the year. So probably Thanksgiving, right before Thanksgiving or right before Christmas, at the very end of the year so November/December timeframe.

Q. Earlier, in your testimony today you had mentioned that you knew that Jeff Simoneaux may have been gearing up for a case. Do you recall what issues that you knew why he would be filing a suit?

MS. BARNEY:

Object to the form.

THE WITNESS:

I don't -- because I'm trying to differentiate between the first time that he had a suit was not involved with the environmental incidents there so I don't know all of the circumstances. I just know that kind of in all of the talk about that that it was brought up that he was having a suit brought against environmental issues.

BY MS. WATERS:

Q. With respect to the initial incident reports, you had testified earlier that you were the responsible party for filling in the environmental deviation



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Page 190 1 section; correct? 2 MS. BARNEY: 3 Objection, leading. 4 THE WITNESS: 5 On one particular part, I remember that I did that. On other ones, I may have done that. 6 just didn't get credit for it in the report because it 7 didn't show me as doing that, but I probably have guided 8 either Tom Miller or Elizabeth as he sat down and went 9 through that rating there. I would have done that. 10 11 BY MS. WATERS: Okay. And then I think you said that you may 12 have talked to the operators to help you fill out that 13 14 portion of the report? 15 Α. Yes. 16 MS. BARNEY: 17 Object. Are we talking about the initial incident report or the investigational --18 19 MS. WATERS: 20 The initial. No, the initial. 21 MS. BARNEY: 22 Because I think he was pointing to the 23 investigational --24 MS. WATERS: 25 I initialed it. I'm sorry if I didn't.



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Page 191

BY MS. WATERS:

Q. Do you recall any specific conversations -- let's go -- wait, I think it's Exhibit 5. Let's just do the top one, Bates 68. We're looking at Exhibit 5 and the Bates number is DSF 68. Do you see the date on top as April 11, 2012?

A. Yes.

Q. It looks like the incident time was during the nightshift. When would you actually speak with the operator if that operator was on the nightshift and fill this report out?

MS. BARNEY:

Object to the form.

THE WITNESS:

This nightshift would have been the next morning. I would probably have first spoke to Elizabeth.

MS. WATERS:

Okay.

THE WITNESS:

And then if I needed more details, I would have gone to the operator and asked them more about that. So if they were on nightshift, I may -- it may have been until they came back on days or it -- we may have called them from Elizabeth's office and asked



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Page 192

them details after they had a chance to sleep from the night. I'm not sure exactly what the specifics of that would have been.

MS. WATERS:

Okay.

THE WITNESS:

And it may be in that particular incident that we didn't speak to the operator about it. BY MS. WATERS:

- Q. Okay. So you don't -- there are times when you don't speak to the operator at all?
- A. If we got all that I needed to do, the facts about it, you know, from talking to Elizabeth or maintenance people or whomever like that, that certainly we may even not talk to the operator about it.
- Q. Okay.
- A. He's just -- the operator is kind of initiating this to make sure that it's looked at.
- Q. All right. We're going to go to Exhibit 4 and that's Bates numbered DSF 5. You went over this several times regarding the actual release being SO2; correct?

MS. BARNEY:

Object to the form.

THE WITNESS:

I guess my -- there was a -- I guess



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Page 193

questions to me about why was it SO3 in the -- well, I don't see where it's SO3 in this particular report, but it's SO2 in this report.

MS. WATERS:

Right.

THE WITNESS:

And I don't see where sulfur trioxide is even mentioned in this report. There was one in -- one section that had SO2 and another section that had SO2 and SO3.

BY MS. WATERS:

- Q. Yes, that's a different report.
- A. Well, this particular report right here is SO2, I assume because it was a -- where it was located -- where the leak was located.
- Q. Is it possible that after an investigation was performed that was reported as an SO3 leak, the initial -- strike that. Let me start over.

If the initial report indicates that it's an SO3 leak, is it possible after an investigation that the leak could actually be SO2?

- A. Yes.
- Q. Okay.
- A. Because you assume that maybe every part of that exchanger there was -- would have SO2 and SO3 in it, but



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Page 194

it may turn out to only be SO2 when you pinpoint the exact location and determine that that actually -- the concentration of gas there does not have any SO3 in it. It is possible, yes.

- Q. Okay. Thank you.
- A. I don't know if that occurred in or not.

MS. BARNEY:

I'm going to do the same motion to strike I did earlier. Just for lack of foundation just so it's clear.

MS. WATERS:

Got you.

BY MS. WATERS:

- Q. Earlier, you mentioned that you go by only the regulatory RQs?
 - A. Yes.
 - Q. What is the regulatory RQ for an SO2 leak?

MS. BARNEY:

Object to the form.

THE WITNESS:

It would be the same as an RQ for sulfuric acid, which is 1,000 pounds. Same thing for SO3.

BY MS. WATERS:

Q. SO3 is the same thing?



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Page 195

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MS. BARNEY:

I'm just objecting to the form.

BY MS. WATERS:

Q. Okay. I apologize. I'm skipping.

You testified earlier that you recalled one of -- or you recall smelling SO2 in the DynaWave section where you passed by.

- A. Yes.
- Q. Was it leaking?
- A. There was a pump leaking that turned out there.
- 12 It was a pump seal that was leaking.
 - Q. Do you know what occurred to mitigate that leak?
 - A. They repaired the seal.
 - Q. Okay. Did they completely fix the seal?
 - A. I assume. I didn't smell it anymore so I assume it was gone so they must have fixed it.
 - Q. All right. I think I'm almost done. Let's see.

Based on your training on the TSCA module, do you recall any of the leaks to be a substantial risk that you needed to report under TSCA?

MS. BARNEY:

Objection, asked and answered, lack of foundation.

THE WITNESS:



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Page 196

I don't -- I didn't have enough experience in that regulation to make that determination whether it was a substantial risk or not.

MS. WATERS:

Okay. I think I'm done. I think I'm

RE-EXAMINATION BY MS. BARNEY:

Q. Okay. Mr. Long, what is the basis for your testimony that a regulatory RQ for SO3 is 1,000 pounds? And I guess I would ask which regulation you're referring to and how do you arrive at 1,000 pounds?

MS. WATERS:

Asked and answered.

THE WITNESS:

I would have to go back and look it up. My specific knowledge there is that we had those RQs listed in our operating procedures and it have would been based on -- the citation would probably be listed in there for reporting leaks. I can't quote chapter and verse to you right here, but that's based on my understanding and other people that's involved with the DuPont -- with what the RQ is for that.

BY MS. BARNEY:

Q. Okay. So that was a DuPont-created document that you're referring to?



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Page 197

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MS. WATERS:

Object to form.

BY MS. BARNEY:

Q. Okay. I think we attached as Exhibit 1 to your deposition one of these calculation sheets.

MS. WATERS:

I think it's 2.

BY MS. BARNEY:

- Q. Oh, Exhibit might be 3, which is -- and I think you have talked about this document. First you said it was created -- the formula itself was created back in '09, but the generations of calculations using that would have been maybe later. I think.
- A. Yes. But I think it was probably pretty much set in concrete along the 2009/2010 timeframe. I don't think we would have made any changes after it was built. I'm not aware of any changes. I would not have made any changes. Perhaps the author of the calculation -- like I said, I think it was Lewis Chu -- would have made any, you know, changes to that that were necessary.
- Q. Did you write this note right here on Exhibit 3, "Note, SO3 immediately reacts with H2O to form acid mist"?
 - A. I may have. I don't recall whether I did or not,



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Page 198

but that's a true statement.

- Q. Is that how you're arriving at 1,000 pounds?
- A. Yes.
- Q. For an RQ for SO3?
- A. Yes.
 - Q. So you're using the RQ for acid mist?
 - A. No. The RQ is for -- acid mist is sulfuric acid.
 - Q. Okay.
 - A. So the RQ for sulfuric acid is 1,000 pounds. SO3 does not exist in the atmosphere without forming acid mist sulfuric acid so that is the reason for using an RQ of 1,000 pounds.
 - Q. So you're using an RQ for the substance that SO3 converts to when it hits the environment?
 - A. Yes.
 - Q. You're not using the RQ for SO3 as it's released out of the vessel?
 - A. Right.

MS. WATERS:

Object to form.

BY MS. BARNEY:

- Q. Do you know what the -- what DuPont says the RQ is for SO3 as it's released out of the vessel?
- A. There is not an RQ for that because it immediately forms acid mist. The minute it hits -- the



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Page 199

second it hits the atmosphere, it forms acid mist.

- Q. So you've never seen an RQ under any regulatory statute for SO3 itself?
 - A. I'm not aware of any.
- Q. You testified that you had heard that Mr. Simoneaux was going to file a lawsuit about the leaks, I believe is what you said.
 - A. Uh-huh. Yes.
 - Q. You heard that before you left DuPont?
 - A. And maybe shortly after.
- Q. Were you aware of any retaliation that Mr. Simoneaux received for reporting gas leaks?

MS. WATERS:

Object to form.

THE WITNESS:

No.

BY MS. BARNEY:

- Q. Were you aware of any issues surrounding him applying for a clerical or just a administrator-type job and not getting that job?
- A. I was not involved in personnel decisions so I -- I knew that he applied for that job. I didn't know the reasons he -- they didn't give the job to him.
 - Q. So you don't really have any information --
 - A. No.



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Page 200

- Q. -- about why he didn't get that job?
- A. No.
 - Q. -- or whether he even qualified for it?
 - A. I just knew that he applied for it.
- Q. Do you have any information of whether he was qualified for that job?
- A. Yes. I mean, it was like an administrative position, I think, that as an operator, certainly he would qualify if he wanted the job. It appeared to be a pay cut. I didn't understand why he would want to do that, but that was his, you know, personal decision.
- Q. Have you ever known Mr. Simoneaux to be dishonest?
- A. I didn't have a whole lot of interaction with Jeff Simoneaux so I didn't -- I don't have any reason to, you know, say that he's honest or dishonest. I had very little interaction. The guys that were on the shift like he was, you know, you'd see them for a couple of days, then you wouldn't see them for a couple of weeks again, you know, because they would be working weekends or working nights and you wouldn't see them. So I didn't have a whole lot of, you know, interaction with him.
 - Q. Okay.
 - A. As well as any of the other operators that were



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Page 201

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- Q. Ms. Waters asked you how many times DEQ was at the site for anything to do with gas leaks and you said twice, I think.
- A. Twice. It may -- that's only the times that I remember is twice. It could possibly be another time, but I don't remember.
- Q. Does that include the time they came out at night and the time they followed up with you; you're including both of those times?
 - A. Yes.
- Q. When DEQ was at the site, did you personally take the DEQ folks out to see the -- any leaks on the CIP, the HIP, converter or the superheater?
- A. I didn't personally do that. I think I remember offering to take them whenever they wanted. If they wanted to look at it, if they had -- when they finished up, if they had all of the information that they wanted, did they want to go outside and look at it. I don't remember she specifically declining there, but she didn't seem like she was interested in going outside to look at it. I think she said she had either looked at it on camera and/or had seen all she needed to see and then I provided her with the report and the written calculations. And the best of my recollection, we



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Page 202

didn't go outside.

Q. And do you specifically recall asking her if she wanted to go look outside or is that just what you're thinking, you probably did?

A. I was thinking --

MS. WATERS:

Objection.

THE WITNESS:

night before and didn't -- weren't able to see anything at night, that she would want to do that during the day but -- during the day where she could see. So I'm almost positive I would have offered because there's -- that was the opportunity for coming back during the day, but I can't say for sure that that's what I asked her. But that would make sense that to ask her if he couldn't see anything at night, come back during the daytime to go out there and look at it.

Q. Did you give the DEQ representative any documentation about the hose and vacuum system that was trying to suck up leaks at the site?

MS. WATERS:

Object to form.

THE WITNESS:

Other than if it would have been on the



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Page 203

investigation report, any mention of that, that would be the only information I gave her. I wouldn't have given her anything -- I wasn't aware of anything -- any documents that exist other than the investigation reports that would mention hoses.

BY MS. BARNEY:

- Q. Did you say you showed the DEQ person a camera?
- A. No. If she went in the control room, she would've looked at cameras because they have cameras that are focused on that equipment like that. She would have looked at the cameras and I think I remember her saying that she looked at that. But you can't really tell anything at nighttime so I think that's why she decided to come back during the daytime and then to get with me when I was there to look at any reports that were made. So she came back within two or three days, I think.
- Q. You mentioned a sale of the plant. Where did you learn about the sale of the plant that was in the works?
- A. I'm not sure whether Matt Barnes or T.J. Osbun told me about it several week ago, that the plant was up for sale.

And in the meantime, they told me they decided whether or not -- they're not going to sell any of their plants there. They're just going to roll that over into



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Page 204

a new company and I think DuPont is specifically going to be involved with ag, food, crop, that type of thing, that they started investing in a number of years ago and that all of their chemical plants are going to be in another company with a different -- completely different name.

- Q. Did he say why they were going to do that?
- A. I think the philosophy the president at DuPont has changed that she wanted to be focus in on those types of businesses rather than chemical plants and wanted someone else to take that. It's just a philosophy of the president of the company and CEO of the company. It was evolving to -- with a chemical business was -- is not as attractive to her as it was maybe the preceding CEO so...

MS. BARNEY:

Okay. I guess just add to the list the sale documents that I think we requested in our RFPs documents.

MS. WATERS:

Well, I'll tell you right now we don't have them.

MS. BARNEY:

Okay. All right.

MS. WATERS:



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Page 205 We've asked a couple of times. 1 2 MS. BARNEY: 3 Okay. THE WITNESS: 4 5 That was a rumor for a number of months, but I understand that they officially announced it 6 7 within the last month or so. MS. BARNEY: 8 Okay. Maybe if you could just update 9 the request. 10 MS. WATERS: 11 I can tell you I just -- last week I did 12 and they said they had no documents there so --13 14 MS. BARNEY: At Burnside or legal? 15 MS. WATERS: 16 Legal. 17 18 MS. BARNEY: 19 Okay. BY MS. BARNEY: 20 Other than talking with T.J. Osbun, did you 21 talk -- or Ms. Waters, did you talk with anybody -- or 22 23 me, did you talk with anybody else leading up to your deposition? 24 I did call Tom and told him that I was going to 25



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Page 206

be subpoenaed and -- Tom Miller. And that's T.J., Matt Barnes. That's it.

- Q. When did you talk to Tom Miller?
- A. It may have been before I got the subpoena, but it was after I talked with you on the phone. Several weeks ago.
 - Q. What did y'all talk about?
- A. I just told him that -- I was asking questions about things that I didn't remember, didn't have knowledge of; that at some point if I'm going to be asked further questions, I need to be -- I need to have -- be refreshed on some of these investigation reports and calculations and whatever was done during my timeframe there.
 - Q. Did you --
- A. And then he told me to call -- I think he told me to call Monique and ask her about that, whether I can get those kind of documents so that's what I did.
 - Q. And so what you were provided is what we --
 - A. Yes.
 - Q. -- talked about today?
 - A. Yes. That packet that's in this folder.
- Q. Did you ask them if you could have access to the computer system you used to use to --
 - A. No. That's long since -- somebody else has got



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Page 207

it and I don't know who's got that and he wouldn't know who's got that now so...

No. I just wanted to look at examples of the kind of information that I would be asked questions about so I wouldn't be completely out in the cold.

- Q. All right. Do you remember receiving a memo back in the fall of 2012 regarding not destroying evidence relative to a leak case or leaks based on a lawsuit that Jeff had filed?
 - A. I didn't -- when would that have been issued?
 - Q. Do you ever remember getting --
 - A. No.
 - Q. -- instruction to preserve evidence?
- A. No, not on that. I've gotten instructions to preserve evidence on other things that happened years before. I even went there before. If I run across any information they had someone that was involved in an accident out at the plant. It was a safety event that had a case and a former employee that also had some hearing protection issues, that they want to preserve those records there, but I didn't run across any records there. But that was the only thing I was ever aware of. Nothing pertaining to leaks.
 - Q. Okay.
 - A. And that would have come from corporate legal.



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Page 208

- Q. Have you listened to any audio or video leading up to your deposition?
 - A. No.

MS. BARNEY:

Okay. I think that's all I have.

BY MS. BARNEY:

Q. Let me show you a document that we'll mark as Exhibit 13.

(Whereupon Exhibit No. 13 was marked for identification.)

BY MS. BARNEY:

- Q. Have you ever seen a calculation spreadsheet, like a gas leak calculation spreadsheet, in this format?
- A. I think I have, but I don't know. That's probably before or maybe we decided on using the other format that you see here.
 - Q. So the other -- Exhibit 7 and Exhibit 1 format --
 - A. Yeah.
 - Q. -- was the one you used?
- A. Yes, that's the one we used. I'm not sure about this format. I think I remember seeing it, but I don't remember specifically using it.
- Q. Okay. This wasn't the one that Lewis Chu steered you to then?
 - A. Not that I'm aware of. I mean, it could have



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Page 209

been -- he may offered that up, but for some reason we decided on this (indicating).

- Q. On the other one that you're pointing to, which is Exhibit 7?
 - A. Yes.
- Q. So you never did any calculations using the format that's in Exhibit 13?
 - A. No.
 - Q. You've never seen Exhibit 13 before; right?
 - A. I may have seen it, but I didn't use it.
 - Q. Okay.
- A. It's -- some of the this looks familiar there, but I didn't use it enough to be real familiar with how you would even input data into it, you know.
 - Q. All right.

MS. BARNEY:

Okay. Thank you very much. That's all I have. Sorry we had to get back on the record for that.

(Testimony concludes at 5:01 p.m.)

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Page 210 WITNESS' CERTIFICATE: 1 2 I, Kerry Long, read or have had the 3 foregoing testimony read to me and hereby certify that 4 it is a true and correct transcription of my testimony, 5 with the exception of any attached corrections or 6 7 changes. 8 9 10 11 Kerry Long 12 13 14 Signed with corrections noted. Signed without corrections noted. 15 16 17 18 DATE OF DEPOSITION: 12/11/12 19 20 21 22 23 24 25



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Page 211

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REPORTER'S CERTIFICATE:

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I, ELICIA H. WOODWORTH, Certified Court
Reporter in and for the State of Louisiana, as the
officer before whom this testimony was taken, do hereby
certify that Kerry Long, after having been duly sworn by
me upon authority of R.S. 37:2554, did testify as
hereinbefore set forth in the foregoing 212 pages;

That this testimony was reported by me in the stenotype reporting method, was prepared and transcribed by me or under my personal direction and supervision, and is a true and correct transcript to the best of my ability and understanding;

That the transcript has been prepared in compliance with transcript format required by statute or by rules of the board, that I have acted in compliance with the prohibition on contractual relationships, as defined by Louisiana Code of Civil Procedure Article 1434 and in rules and advisory opinions of the board;

That I am not related to counsel or to the parties herein, nor am I otherwise interested in the outcome of this matter.

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